

20021008.qrp v02_n703.qrl.20021008

Date: Tue, 8 Oct 2002 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2703

QRP-L Digest 2703

Topics covered in this issue include:

- 1) [137506] Re: Antenna Question
by "George, W5YR" <w5yr@att.net>
- 2) [137507] Re: 3 leg regulator as a current source
by "Karl F. Larsen" <k5di@zianet.com>
- 3) [137508] Please Forgive Me
by Fred Ringwald <fred@ringwald.org>
- 4) [137509] "Please elmer," was "who cares"
by "Scott Rosenfeld [N7JI]" <ham@w3eas.umd.edu>
- 5) [137510] Re: Age/Years a Ham
by "Michael B. Byrd" <sunbyrd@gte.net>
- 6) [137511] Linux not immune to stability/security problems
by "Marty N5NW" <n5nw@n5nw.org>
- 7) [137512] eight Rock-Mite-20 Qs from the mobile and counting...
by "Bill, N4QA" <n4qa@hotmail.com>
- 8) [137513] Re: Change
by JD Delancy <W1JD@drix.net>
- 9) [137514] Re: Death of Ham Radio Sale
by Rick McKee <kc8aon@juno.com>
- 10) [137515] Re: 3 leg regulator as a current source
by "James R. Duffey" <jamesd1@flash.net>
- 11) [137516] Re: Age/Years a Ham
by psykey@okcforum.org (Jim Glover)
- 12) [137517] Re: How Old are we?
by Lew Paceley <lew@paceley.com>
- 13) [137518] Re: Age/Years a Ham
by "Tom" <thom2@worldnet.att.net>
- 14) [137519] Re: How Old are we?
by "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
- 15) [137520] Re: Age/Years a Ham
by "Fran Flynn" <fflynn@adelphia.net>
- 16) [137521] Re: Age/years ham
by "Pat Cahill" <N0ADQ@kmtel.com>
- 17) [137522] Re: Age/Years a Ham
by Ray Sills <raysills@1stconnect.com>
- 18) [137523] CQ SP DE N0RC 80m
by "Rod N0RC" <rod@n0rc.us>
- 19) [137524] OT: Logo help

- by wa0goz@arrl.net
- 20) [137525] re:Age/Years a ham
by bob parks <rob3ert@yahoo.com>
 - 21) [137526] Rock Mite 3053??
by IamSF5@aol.com
 - 22) [137527] Sprint and Apology
by "Jay Henson" <aj4ay@worldnet.att.net>
 - 23) [137528] Re: QRP-L digest 2702
by Monty N5FC <n5fc@io.com>
 - 24) [137529] Why you should ALWAYS check 10/15m
by "Rod N0RC" <rod@n0rc.us>
 - 25) [137530] ARS Sprinting (and other contests/sprints)
by "Rod N0RC" <rod@n0rc.us>
 - 26) [137531] Re: How Old are we?
by brad.mugleston@attbi.com
 - 27) [137532] Nor'Easter fun in the SouthEast
by Macstein@aol.com
 - 28) [137533] Re: If you had to choose only one band ...
by Ade Weiss W0RSP <adeweiss@sd.value.net>
 - 29) [137534] Re: chimney brush rods ... portable antenna ??
by Ade Weiss W0RSP <adeweiss@sd.value.net>
 - 30) [137535] Re: Age/Years a Ham
by "Andrew Madsen" <andrew@utahdesign.com>
 - 31) [137536] Outboard audio filter
by Dave Hottell <hottell@gulftel.com>
 - 32) [137537] Re: Outboard audio filter
by <igeq100@iupui.edu>
 - 33) [137538] Re: QRP-L digest 2702
by "blinn" <blinn@smgazette.com>
 - 34) [137539] Re: Age/Years a Ham
by "Trevor Jacobs" <kg6cyn@earthlink.net>
 - 35) [137540] Burbank Wrecking Crew FOX Hunt Team
by "Trevor Jacobs" <kg6cyn@earthlink.net>
 - 36) [137541] Age/Years a Ham
by William K Penhallegon <w4stx@juno.com>
 - 37) [137542] Re: Outboard audio filter
by Ingo Meyer DK3RED <dk3red@gmx.net>
 - 38) [137543] RE: Outboard audio filter . . . YES
by John R Kirby <n3aaz-qrp@juno.com>
 - 39) [137544] Re: Age/Years a Ham
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
 - 40) [137545] Re: How Old are we?
by "Karl F. Larsen" <k5di@zianet.com>
 - 41) [137546] Re: Age/Years a Ham
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
 - 42) [137547] Re: Age/Years a Ham
by Tom Arvo <wa8dxd@mpinet.net>
 - 43) [137548] Re: who cares

by W2AGN <w2agn@w2agn.net>
44) [137549] Re: Age/Years a Ham
by "KB3CVS (Tom)" <kb3cvs@comcast.net>
45) [137550] Re: 3 leg regulator as a current source
by "Karl F. Larsen" <k5di@zianet.com>
46) [137551] Re: How Old are we?
by Bruce Muscolino <w6toy@erols.com>
47) [137552] Re: Change
by George Franklin <w0av@juno.com>
48) [137553] CQ-WW-DX 2001 results
by Alex <kr1st@amsat.org>
49) [137554] Re: Age/Years as Ham
by Shawn Upton <kb1ckt@yahoo.com>
50) [137555] Re: Age/Years a Ham
by Bob Duckworth <wb4mnf@atl.org>
51) [137556] Re: who cares
by Lloyd Lachow <llachow@yahoo.com>
52) [137557] Re: who cares
by Bruce Muscolino <w6toy@erols.com>
53) [137558] Solder
by "Richard Johnson" <richard_johnson@credence.com>
54) [137559] Re: who cares
by Lloyd Lachow <llachow@yahoo.com>
55) [137560] RE: Age/years ham
by "=?us-ascii?B?V1ZPUQ==?" <wv0q@jbelderok.com>
56) [137561] Re: Solder
by "W3CDE Jerry L." <w3cde@bellsouth.net>
57) [137562] HF Base Rig
by "David J. Adams" <david@theadamsclan.com>
58) [137563] Re: chimney brush rods ... portable antenna ??
by "W3CDE Jerry L." <w3cde@bellsouth.net>
59) [137564] Re: Age/years ham
by Jimmy Lee <jrlaudio@bellsouth.net>
60) [137565] Re: Solder
by "JB Crafts" <jbcraft@adelphia.net>
61) [137566] Re: Death of Ham Radio Sale
by Rick McKee <kc8aon@juno.com>
62) [137567] Re: Solder
by "Tim, N9PUZ" <n9puz@arrl.net>
63) [137568] re: HF Base Rig
by "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
64) [137569] Re: Age/years a Ham
by Tom Randall <trandall@idsi.net>
65) [137570] Re: CQ-WW-DX 2001 results
by Bob Nielsen <nielsen@oz.net>
66) [137571] Tonight, Tuesday NEQRP SSB Net at 7:30PM EDST on 7.287 - 7.295 MHZ
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
67) [137572] Re: Solder

by David Hinerman <WD8CIV@worldnet.att.net>
68) [137573] Spartan Sprint from a portable set-up
by ae5x@netscape.net (John Harper AE5X)
69) [137574] Weight of K1?
by ae5x@netscape.net (John Harper AE5X)
70) [137575] Re: CQ-WW-DX 2001 results
by Alex <kr1st@amsat.org>
71) [137576] Re: Age/Years a Ham
by "George, W5YR" <w5yr@att.net>
72) [137577] RE: Outboard audio filter . . . YES
by William R Colbert <w5xe@juno.com>
73) [137578] Age/ham
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
74) [137579] Nor'Easter Tech Help
by Steven Weber <kd1jv@moose.ncia.net>
75) [137580] Re: HF Base Rig
by Bill ROWLETT <kc4atu@yahoo.com>
76) [137581] Re: Change
by "George, W5YR" <w5yr@att.net>
77) [137582] work and surfing
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
78) [137583] Re: Weight of K1?
by Lloyd Lachow <llachow@yahoo.com>
79) [137584] Notch Filter chips from National
by "Tracy Markham" <tracy@bytemark.com>
80) [137585] Re: Age/Years a Ham
by Thom LaCosta <baltimoremd@baltimoremd.com>
81) [137586] Re: Age/Years a Ham
by W2AGN <w2agn@w2agn.net>
82) [137587] Re: Age/Years as Ham
by Haines Brown <brownh@hartford-hwp.com>
83) [137588] Re: Solder
by "" <markb@abq.com>
84) [137589] Re: Solder
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
85) [137590] Re: Age/Years a Ham
by Rob Matherly <w0jrm@arrl.net>
86) [137591] Sick Rock-Mite
by Bob Welch <p326@earthlink.net>
87) [137592] RE: 3 leg regulator as a current source
by "KD5NWA" <KD5NWA@mbayona.com>
88) [137593] 20M OC DX
by Lloyd Lachow <llachow@yahoo.com>
89) [137594] Averages of age and years ham...
by Rob Matherly <w0jrm@arrl.net>
90) [137595] Re: Solder
by Bruce Muscolino <w6toy@erols.com>
91) [137596] Re: chimney brush rods ... portable antenna ??

by Bruce Muscolino <w6toy@erols.com>

92) [137597] RE: Age/Years a Ham
by Mark Schoonover <schoon@amgt.com>

93) [137598] RE: Averages of age and years & Statistics
by Karl Kanalz <kkanalz@gcecispc.com>

94) [137599] Re: Change
by Bruce Muscolino <w6toy@erols.com>

95) [137600] Re: Notch Filter chips from National
by wb0wao@hotmail.com (Dennis Ponsness)

96) [137601] Re: Averages of age and years & Statistics
by Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>

97) [137602] End-Fed Tuner for 40 & 15M??
by "Steve Lawrence" <Steve.Lawrence@itwfeg.com>

98) [137603] Re: Notch Filter chips from National
by wb0wao@hotmail.com (Dennis Ponsness)

99) [137604] FS: Ten Tec Corsair II
by "Richard Vizcarra" <k6tm@msn.com>

100) [137605] Re: End-Fed Tuner for 40 & 15M??
by David Hinerman <WD8CIV@worldnet.att.net>

101) [137606] Re: Averages of age and years & Statistics
by Rob Matherly <w0jrm@arrl.net>

102) [137607] Re: Averages of age and years ham...
by Rob Matherly <w0jrm@arrl.net>

103) [137608] FS ANTENNA
by "wd7y@pyramid.net" <wd7y@pyramid.net>

104) [137609] Re: Averages of age and years ham...
by Rob Matherly <w0jrm@arrl.net>

105) [137610] Re: End-Fed Tuner for 40 & 15M??
by Gary Slagel <gdslagel@yahoo.com>

106) [137611] Re: Notch Filter chips from National
by "Leon Heller" <leon_heller@hotmail.com>

107) [137612] Re: Notch Filter chips from National
by David Hinerman <WD8CIV@worldnet.att.net>

108) [137613] Re: End-Fed Tuner for 40
by William R Colbert <w5xe@juno.com>

109) [137614] Re: Sick Rock-Mite
by Bob Welch <p326@earthlink.net>

110) [137615] RE: Notch Filter chips from National
by "Tracy Markham" <tracy@bytemark.com>

111) [137616] Re: End-Fed Tuner for 40 & 15M??
by Rick McKee <kc8aon@juno.com>

112) [137617] Re: Solder
by "Mike Yetsko" <myetsko@insydesw.com>

113) [137618] Re: Age/Years a Ham
by "Don Ginter" <kc2ck@mail.com>

114) [137619] Re: Sick Rock-Mite
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>

115) [137620] Solder Flux Removal

by "Richard Johnson" <richard_johnson@credence.com>
116) [137621] NorCal VX0 contest at Pacificon--Reminder
by "Bob Tellefsen" <n6wg@earthlink.net>

Date: Mon, 07 Oct 2002 18:15:02 -0500
From: "George, W5YR" <w5yr@att.net>
To: fred@ringwald.org
Cc: qrp-l@lehigh.edu
Subject: [137506] Re: Antenna Question
Message-ID: <3DA21576.EDFB06B4@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fred, the antenna is NOT resonant on any amateur band. It is not intended to be. It is resonant at a frequency lower than 40 meters since it is about 22 ft longer than a 40 meter dipole would be. So, somehow, your MFJ approach has given you the wrong information. You can calculate the approximate free-space resonant frequency from

$$\text{length} = 468/F$$

where F is in MHz. Solving for F, we have $468/88 = 5.32$ MHz.

So, don't trim a thing - let the tuner take care of the impedance matching.

I don't see anything in your list of potential problems that is very serious.

Just tune it up and enjoy!

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

Fred Ringwald wrote:

>
> George,
>
> Thanks for the reply to my query. I trimmed the antenna to 88 foot
> legs, and it is working better now. It isn't resonant on 40 meters,
> though. My MFJ (working through the tuner balun with the tuner
> circuitry bypassed) says that it is resonant at around 8.5 MHz, not

> 7.0 MHz. This is tempting me to trim it some, but I think more
> testing may be in order.
>
> One thing that I don't know is how much effect I am having from:
>
> 1) Soldered antenna connections where I spliced the wire
>
> 2) Feedline interaction with my center steel Radio Shack TV Mast
>
> 3) Antenna interaction with my center steel Radio Shack TV Mast, and
>
> 4) Feedline interaction with other coax and ground lines feeding
> through my 4" PVC pipe through the wall into the shack.
>
> Nonetheless, I was able to work Brazil
> today on 10 meters with 10 watts. That wasn't bad given the
> geo-magnetic activity!
>
> Once again, thanks for your response to my query.
>
> 73s,
>
> Fred

Date: Mon, 7 Oct 2002 17:21:48 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137507] Re: 3 leg regulator as a current source
Message-ID: <Pine.LNX.4.44.0210071720230.3989-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Mike, I have a Radio Shack 5 volt job so will try that first. We can
get things only from RS quickly now...

On Mon, 7 Oct 2002, Mike Yetsko wrote:

> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
>
>
> >
> > I have an old National Semiconductor Voltage Regulator book and

> > it talks to designing all manor of regulated power supplies using the
> > now standard 3 pin voltage regulator chips that come in all voltages and
> > many current capacity values. They show a diagram for a constant current
> > source which is what I want to charge my 7.6 volt batteries for my Hand
> > Held QRP Radio.

>

> If you're going to build that, use an LM317 as the part, not one of the
> 78xx parts. The 317 has a much lower voltage. Of course, if you have
> the part already...

>

> Mike

>

>

>

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 7 Oct 2002 13:19:32 -0400 (EDT)
From: Fred Ringwald <fred@ringwald.org>
To: qrp-l@lehigh.edu
Subject: [137508] Please Forgive Me
Message-ID: <m17ybXY-000Rx0C@tesop>

Hello All,

I apologize to everyone who didn't appreciate my email a few minutes ago. I intended to reply to George *off the list* instead of to him and to the list. I missed the fact that my email program copied everyone. I had replied to others earlier, and it had not copied those replies to the entire list. Unfortunately, I forgot to check when I replied to George.

I'll try to be more careful in the future.

At the same time, while I am taking up bandwidth, I would like to say Thanks! to George and everyone else who responded to my antenna questions. The replies have helped me greatly with my antenna problem!

73s,

Fred Ringwald, AB0AE
fred@ringwald.org

Date: Mon, 7 Oct 2002 18:43:06 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Lloyd Lachow <llachow@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137509] "Please elmer," was "who cares"
Message-ID: <Pine.LNX.4.44.0210071840100.13010-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Actually, the positive input is the fact that people who are interested in the growth of the Amateur Radio service need not rely on anyone but themselves to ensure it actually happens.

As I said yesterday:

if every one of us elmers a new ham every five years, the service will grow and remain vibrant.

If we don't, it will likely die.

When was the last time you taught a class or did 1:1 instruction?

(please don't answer, just think about it)

On Mon, 7 Oct 2002, Lloyd Lachow wrote:

>
> Bill ROWLETT wrote:
>
> >I could care less about how old any of you are or
> >about how you feal [sic] the hobby is going.
>
> ...but could you care more? Personally, I could not
> care less about your negative input to this thread.
> Why anyone other than someone with deep personal
> problems and a bad life "feal" the need to find fault
> with a thread that is so obviously interesting to
> pretty much everyone out there, is way, way beyond me.
>
> Perhaps you think that by exploring the nature of the
> situation here on this list, the participants in this
> thread are doing nothing else in their lives? Well,
> here's a news flash for you, Bill: we are, none of us,
> two-dimensional beings who exist nowhere but here on
> this list. We all have lives. Many of us elmer if we

> can; some of us get elmered if we can. That's a big
> part of why we meet here.
>
> Please contribute something positive, if you think it
> may serve to help, otherwise, why not keep your
> negative "feelings" to yourself?
>
>
>
> Lloyd, K3ESE
>
>
> -----
> Do you Yahoo!?
> Faith Hill - Exclusive Performances, Videos & More
> <http://faith.yahoo.com>
>

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Mon, 07 Oct 2002 19:50:15 -0400
From: "Michael B. Byrd" <sunbyrd@gte.net>
To: qrp-1@lehigh.edu
Subject: [137510] Re: Age/Years a Ham
Message-ID: <3DA21DB2.C00B7B3A@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

I'm now 54 and have been a ham since 1963.
First tx was a EICO 720 kit and have been QRP
only since 1982. Also 99.99% CW.

Mike, AC4UR

Date: Mon, 7 Oct 2002 19:54:26 -0400
From: "Marty N5NW" <n5nw@n5nw.org>
To: "QRP" <qrp-1@lehigh.edu>

Subject: [137511] Linux not immune to stability/security problems
Message-ID: <HJELK0JDNFAJGICJMIFGOEMCDFAA.n5nw@n5nw.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Linux article of interest, based on recent postings. It appears Linux is more stable and more secure than Windows, but users should still pay attention to stability and security when installing.

<http://208.19.32.66/news/article.cfm?ID=33344595>
<<alcatel's - weekly industry news.htm>>

de N5NW/8 (Marty)
Bellbrook, Ohio
ARRL Life Member -- ARRL VE -- Official Observer
Navy Marine Corps MARS
QRP-L # 953

Date: Mon, 07 Oct 2002 20:01:59 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [137512] eight Rock-Mite-20 Qs from the mobile and counting...
Message-ID: <F62v8JJYalPCz0t3nwP0000a64b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From SW VA, so far have worked FL, CT, WI, ON and MN with the RM-20 at 250 mW to the Hustler. Guess I'm convinced that this little rig has MOJO!
Strange condx this evening...two CQs yielded two CT stns:
WA1FVJ, ED, in East Hartford...H-339 M-449...530 Miles. rough copy.
W1HEN, Rick, in Ellington.....H-579 M-579! solid copy! go figure.
Love my RM-20!

73.
Bill, N4QA
<http://www.qsl.net/n4qa/>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Mon, 07 Oct 2002 20:39:06 -0400
From: JD Delancy <W1JD@drix.net>
To: k8cv@netzero.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137513] Re: Change
Message-ID: <3DA2292A.F056A953@drix.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Walt

There was a small thread about EchoLink a couple of weeks ago. Here is an article that N3MPS and I recently put together for the several local radio clubs newsletters. Thought you might be interested.

ECHOLINK

By JD Delancy W1JD and Jack Van Gilder N3MPS

You may have heard Jack (N3MPS) and I "experimenting" on 146.535 with some "DX" stations on that frequency (maybe you may have heard this on 147.15 or 145.39 repeaters as well) and wondered what that was all about. It's a program called EchoLink.

EchoLink software is written and updated by K1RFD in CT and is free of charge to the Amateur Radio community. It uses voice-over-IP (VoIP) technology that is rapidly coming up in the internet world. Some say that VoIP will completely replace Ma Bell in a few years. Get the EchoLink software, documentation and see the FAQ's at www.echolink.org.

EchoLink will run on an internet dialup modem connection of 28-56K but the faster the connection, the better it sounds. When you connect to the internet you might connect through a dialup modem, a local area network (LAN), a cable modem, or through a digital subscriber line (DSL) connection. DSL uses the same wires as a regular telephone line but has much greater speed. Jack and I have cable modems, which are theoretically faster than DSL but a lot of folks have and use DSL with excellent results.

All you need is a computer that has an operating system of Win95 (may need to install and use Winsock-2 for this one), Win98, NT, ME, XP or Win2K, a sound card that has speakers and a mike (or a headset/boom mike arrangement) connected in the right places. Install and fire up the EchoLink software, fill in the prompted

blanks, and wait for it to validate you and your call sign. That's all. Then find a link you want to visit, double click on it and go for it. You can connect and have a QSO to just about any place on the globe. As this is written, HL5BIM in Pusan, Korea is available; when was the last time you heard South Korea? While chasing DX using EchoLink is not like doing it on High Frequency (HF), it still can be fun to have the QSO.

One of the uses we see EchoLink offering is the ability for the ham who becomes a "shut in" for whatever reason, who can no longer have a station, tower or mast and antennas at their disposal. One fellow ham in South Texas (STX) has returned to talking to his friends around STX and the nation by using Echolink. His hand held radio has not worked in quite a while and sits in the drawer now. The same principle would be applied to those who have covenants (CCR's).

Another use would be to link multiple repeaters via EchoLink's conference ability or one of the many conference servers. That could be really helpful and beneficial during a disaster such as a Tornado, Hurricane or fast moving storm. You get the picture, the uses are many, we don't think they've all been thought of.

Jack has run the Southern Maryland Amateur Radio Club (SMARC) Tuesday night net numerous times using EchoLink. Due to Jack's distance from the repeater and the fact that his antenna system needs rehabilitation, he has been able to participate as a net control station using his computer to run the net via EchoLink. Remember, AL W2GJS, who moved to Hendersonville NC last spring? Al has checked into the SMARC Tuesday night net numerous times using EchoLink.

We have used EchoLink to present "This Week In Amateur Radio (TWIAR)" on 146.535 (anyone listening?). TWIAR presents the stories in ham radio making the news. It is quite informative and is the only news service devoted to amateur radio.

If you wanted to be an EchoLink linking station yourself, WB2REM and G4CDY market a board that interfaces the computer with a radio. It can be bought in kit form, partially assembled or fully assembled. Fully assembled costs about \$55. Get the details at: www.ilinkboards.com. This is the board that Jack and I use.

EchoLink can be accessed remotely with a touch tone pad. For example, you can get a "random link" by punching 01 and a "random node" use 00. Use the pound sign (#) to disconnect the link. Always disconnect after you are finished. If you know the node number for an EchoLink station, you can punch that in. For instance, if you

touch toned the numbers 10587 the EchoLink would respond with "connecting to N3MPS." If N3MPS was not on EchoLink at the time, it would say "10587 not found." There are about 45,000 EchoLink registered stations and the number goes up daily. Obviously a whole list of them would be impractical to print here. To view some of the listings see: <http://home.insightbb.com/~n9yty/>

You may have heard of the Internet Linking Repeater Project (ILRP). IRLP and EchoLink are not the same thing and they cannot connect to each other. The ILRP concept was thought of in 1997 and it had multiple problems. It was shelved until it was re-invented, improved and stabilized by Dave Cameron, VE7LTD. ILRP connects UHF/VHF repeaters all over the world also using the internet. ILRP only allows repeaters to link to other repeaters, no computer to repeater links are possible like EchoLink offers. VE7LTD has incorporated security programs like Kerberos into ILRP. For more information about ILRP, see www.ilrp.net or contact WA3UMY in Lexington Park. Pete is currently the owner and sponsor of the only ILRP node in the state of Maryland.

If you are listening to the 146.535 EchoLink setup and hear someone that you want to chat with, feel free. Just plug PL tone 186.2 into your transmitter as the WX3SMD-L has its receiver PL controlled to keep "rift-raft intermod" out.

Happy Hamming and 73

jd

k8cv wrote:

```
>
> I have been noticing articles on software radios in the magazines and that
> may be the next thing?
>
> Have any of you looked at ECHOLINK ?
>
> I don't think it is for me but have tried it and the darn thing does WORK
> and I find most of the people on it are in antenna restricted sights. It is
> a phone thing though, but the cost is sure LOW with my total investment of
> $3 for a computer sound card electrolet mike :-)
>
> IS THIS THE FUTURE ..... of ham radio as we know it ?
>
> Walt Amos K8CV Royal Oak, MI.
>
> ----- Original Message -----
> From: "Russ Dow" <n7dw@earthlink.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
```

> Sent: Monday, October 07, 2002 05:30
> Subject: Re: Age/Years a Ham
>
> > Age 65, ham sporadically for 45 years.
> >
> > I agree with Karl and Bruce to a large extent.
> >
> > If Ham Radio continues at all as a hobby and as a *SERVICE*
> > (very important from government's point of view), we should
> > expect major changes. I can't predict the nature or timing
> > of change, but I believe it WILL happen, and probably within
> > my lifetime.
> >
> > Perhaps we should begin thinking about how to influence
> > whatever change is coming...
> >
> > 73,
> > Russ N7DW
> >
> >
> > Emmerson Bigguns wrote:
> > > Ok, before the door closes on Ham Radio as we know it, let's see who has
> > > been around the longest.
> > >
> >
> >
> >
> >
> >
>
> -----
> Introducing NetZero Long Distance
> Unlimited Long Distance only \$29.95/ month!
> Sign Up Today! www.netzerolongdistance.com

Date: Mon, 7 Oct 2002 19:48:44 -0400
From: Rick McKee <kc8aon@juno.com>
To: lejek@erols.com, qrp-1@lehigh.edu
Subject: [137514] Re: Death of Ham Radio Sale
Message-ID: <20021007.203446.8966.4.kc8aon@juno.com>

Oh don't take it so personal, but you're right. I guess I was thinking of politicians.

"I AM SORRY FROM THE BOTTOM OF MY HEART"

Rick - I think you owe an apology to every government employee on this

list
that you have just accursed of cheating.

72/73 DE: [K] [C] [8] [A] [0] [N]

Rick McKee

Willow Wood, Ohio

QRP ! Power is for punks !

QRP-L #2112, FPqrp #33, AR QRP #269

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 07 Oct 2002 19:15:02 -0600

From: "James R. Duffey" <jamesd1@flash.net>

To: <k5di@zianet.com>, qrp-l <qrp-l@lehigh.edu>

Subject: [137515] Re: 3 leg regulator as a current source

Message-ID: <B9C78DB5.1E54D%jamesd1@flash.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Karl - I have built the charger you refer to. It works fine.

I do not believe that the 5 V between the out and ref pins resistor appears in the "voltage drops around the loop" since the ref pin is not connected to ground. So I think that you only need worry about the voltage drop across the regulator, about 2.5 to 3 V. So your 12 V should charge the 7.6 V battery easily.

You may wish to add a diode in series between the charger and the battery to avoid discharging the battery through the charger.

You also need to worry about the time the battery is left on the charger. If you are charging at the 0.1 C rate, then 14 hours will result in a full charge. Any longer and you may shorten the battery life. - Dr. Megacycle
KK6MC/5

--

James R. Duffey KK6MC/5

Cedar Crest, NM DM65

Date: Mon, 7 Oct 2002 20:17:47 -0500 (CDT)
From: psykey@okcforum.org (Jim Glover)
To: qrp-1@lehigh.edu
Subject: [137516] Re: Age/Years a Ham
Message-ID: <20021008011747.DBF098816@okcforum.org>

I'm 43, and I've been a ham for 26 years. It's been a lifelong passion, and it just keeps getting better.

73,
Jim WB5UDE

Date: Mon, 07 Oct 2002 20:21:25 -0500
From: Lew Paceley <lew@paceley.com>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137517] Re: How Old are we?
Message-ID: <007801c26e69\$057e9b40\$6501a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Bruce,
Good DX on the 802.11b network is sitting with a laptop at the downstairs patio :-)

Seriously, I did not attempt to represent that the commercial examples I gave are any substitute for ham radio. They're not. Battery powered consumer devices by their very nature are forced to be QRP/QRPP so "pride" isn't a factor here. Most wireless telecom traffic goes to digital fiber pretty quickly so high power microwave links are becoming less important in the telecom grand scheme of things. Your distinction between wireless and radio isn't correct. There is no implied distance for a "radio". From The American Heritage Dictionary: "The wireless transmission through space of electromagnetic waves in the approximate frequency range from 10 kilohertz to 300,000 megahertz." We can just agree to disagree here.

My main point, however, is that the knowledge we obtain as ham operators, builders, and experimenters has even more commercial potential than existed 10 or 20 years ago. Despite your post to the contrary, there is extensive, career-applicable knowledge a budding wireless engineer can obtain by becoming a ham, given the motivation and the dedication to take advantage of the resources available.

72/73,
Lew
N5ZE

Date: Mon, 7 Oct 2002 21:33:09 -0400
From: "Tom" <thom2@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137518] Re: Age/Years a Ham
Message-ID: <009601c26e6a\$ab47e6c0\$18dd580c@1xjhu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

Well I;m 54 years old and was licensed in 1964 at 16 years of age.

Its interesting how many of us were licensed at around that age...in my case before the YL's started taking my time and \$\$..hi

Tom

WB2QDG

(formerly WN2QDG)

Friend of Bill W.

--- If you are too, drop me a line.

-----Original Message-----

From: Dave Benham <dodgeboy@mindspring.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Sunday, October 06, 2002 10:08 PM

Subject: Re: Age/Years a Ham

>57.5/42.5

>

>Started with an NC-98 and DX-40 (which never worked until I almost
>electrocuted myself with a 1000 ohm/volt Heath meter while finding a cold
>solder joint in the HV circuit); most early contacts made with Eico 720.
>Also, I was a sucker to the Gotham V80 -- but I did work Hawaii on 40M with
>it!

>

>73,

>Dave K8TRF

>

>
>

Date: Tue, 8 Oct 2002 01:35:38 +0000 (GMT)
From: "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
To: <lew@paceley.com>, <qrp-1@lehigh.edu>
Subject: [137519] Re: How Old are we?
Message-ID: <20021008013538.DE47E4514@mo120uhou.palm.net>
Mime-Version: 1.0
Content-Type: text/plain ; boundary="-----_Part_61379_5506289.1034040938914"

Well, since we are doing confessions of real QRP VS commercial.

I am on the old Mobiltex network receiving the list using the Palm i705. Only way to email and fax from an ambulance on the street corner.

Adam Vazquez Kb2Jpd
FDNY EMS Command

Internet handheld mobile Palm(TM) i705 or Sharp Zaurus handheld.

Lew Paceley <lew@paceley.com> wrote:

>Hi Bruce,

>Good DX on the 802.11b network is sitting with a laptop at the
>downstairs patio :-)

>

>Seriously, I did not attempt to represent that the commercial examples
>I gave are any substitute for ham radio. They're not. Battery powered
>consumer devices by their very nature are forced to be QRP/QRPP so
>"pride" isn't a factor here. Most wireless telecom traffic goes to
>digital fiber pretty quickly so high power microwave links are
>becoming less important in the telecom grand scheme of things. Your
>distinction between wireless and radio isn't correct. There is no
>implied distance for a "radio". From The American Heritage
>Dictionary: "The wireless transmission through space of
>electromagnetic waves in the approximate frequency range from 10
>kilohertz to 300,000 megahertz." We can just agree to disagree here.

>

>My main point, however, is that the knowledge we obtain as ham
>operators, builders, and experimenters has even more commercial

>potential than existed 10 or 20 years ago. Despite your post to the
>contrary, there is extensive, career-applicable knowledge a budding
>wireless engineer can obtain by becoming a ham, given the motivation
>and the dedication to take advantage of the resources available.

>
> 72/73,
> *Lew*
> N5ZE
>
>

Date: Mon, 7 Oct 2002 21:50:15 -0400
From: "Fran Flynn" <fflynn@adelphia.net>
To: <qrp-l@lehigh.edu>
Subject: [137520] Re: Age/Years a Ham
Message-ID: <000901c26e6d\$0c57da90\$9800a8c0@cel300>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Might as well add my .2 cents.

46/23 Spent 6 months as a novice then went from novice to advanced in one
day, and I know
that this along with \$2.00 will get you coffee at Starbucks.

Got interested in high school but never got a round tuit till I was 25.

72, 73 whatever it takes, Fran Km1z

Date: Mon, 7 Oct 2002 20:51:34 -0500
From: "Pat Cahill" <N0ADQ@kmtel.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137521] Re: Age/years ham
Message-ID: <01ce01c26e6d\$3b964670\$7d00a8c0@mayo.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

45/30 (-6 between novice and advanced..)
Pat, N0ADQ (WN0KRY)

Date: Mon, 07 Oct 2002 21:56:10 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [137522] Re: Age/Years a Ham
Message-ID: <B9C79918.14D59%raysills@1stConnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

60/46

73 de Ray
K2ULR
FN20t1

Date: Mon, 7 Oct 2002 19:55:57 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
"cqc-l" <CQCLIST@yahoogroups.com>
Subject: [137523] CQ SP DE N0RC 80m
Message-ID: <000901c26e6d\$d889df00\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Calling CQ on 3561.5

Help need QSO on 80m for ARS SP. Have QSOs on 10, 15, 20, 40; hope to
get 80 for QSOs on 5 bands.

73, Rod N0RC

Date: Mon, 07 Oct 2002 21:05:26 -0500
From: wa0goz@arrl.net
To: qrp-l@lehigh.edu
Subject: [137524] OT: Logo help
Message-ID: <3DA23D66.1473@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know who the manufacturer of MOV's is who's logo looks like the following:

```
--  
|_  | |  
/  |_|
```

It's hard to draw in ASCII, but it looks somewhat like a 5U.

Thanks and 72

Henry WA0GOZ

Date: Mon, 7 Oct 2002 19:17:49 -0700 (PDT)
From: bob parks <rob3ert@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [137525] re:Age/Years a ham
Message-ID: <20021008021749.20375.qmail@web14701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

71/52

I don't expect 52 more!!!

Bob Parks

K6AEC, ex-KB6JR, ex-W8HFT

Do you Yahoo!?
Faith Hill - Exclusive Performances, Videos & More
<http://faith.yahoo.com>

Date: Mon, 7 Oct 2002 22:18:25 EDT
From: IamSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [137526] Rock Mite 3053??
Message-ID: <88.1f69da1e.2ad39a71@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Someone wanted some 3053 to pump up the power on the Rockmite?
I have 2 of them.
I also have three but are I think what is called the T0-220 type?
Whatever the numbers are the same and I have the regular round metal type.
I forgot who it was so please E mail me if you need them.
73
Bob
AF2Q

Date: Mon, 7 Oct 2002 22:23:12 -0500
From: "Jay Henson" <aj4ay@worldnet.att.net>
To: "QRPL" <qrp-1@lehigh.edu>, "Flying Pigs" <fpqrp-1@mpna.com>
Subject: [137527] Sprint and Apology
Message-ID: <000a01c26e7a\$097f5340\$3671560c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

All,

I had to stop a little early in the ARS sprint this evening. Conditions were so so in AL tonite, particularly on 20. Signals were strong and then gone. 40 was its usual noisy self but the loudest stations were heard there.

I am beginning to think that my loop hears a lot better than it sends. Several exchanges were more difficult than I expected, considering how loud the other station was. Doc K0EVZ had a FB signal here but I was not able to make it to ND. Makes one wonder about the theory of reciprocity. All in all, it was a lot of fun.

Several of you called me by name during the exchange. I am sorry (and a little embarrassed) that I have not been able to do the same in many cases. I recognize a lot of calls and can associate names with many of them, but not all, yet. In the mean time, I am in the process of putting yellow

stickies all over the operating desk with calls and names (gotta be a better way). So if I don't respond with your name right away, give me a little time. I'm looking for it on one of the stickies. And thanks for adding that personal touch to the exchange. It certainly does add a lot of pleasure to the QRP activities we enjoy.

My best wishes to everyone.

See you on the radio.

Jay

AJ4AY Mobile, AL

FISTS #7917 ARCI #8131 SOC#220 FP# - 115

Date: Mon, 07 Oct 2002 22:29:38 -0500
From: Monty N5FC <n5fc@io.com>
To: qrp-l@lehigh.edu, kd1jv@moose.ncia.net
Subject: [137528] Re: QRP-L digest 2702
Message-ID: <5.1.0.14.1.20021007221305.026ab480@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey again Steve and Gang:

Some further notes on the Norester build: I took it to work today and tried to measure the 10.24 MHz oscillator with three different model lab-grade frequency counters, and could not get a stable reading... I think the test equipment was loading the oscillator. I did look at the oscillator signal with a digital oscilloscope, and all I could tell was that the oscillation was somewhere between 10.15 and 10.25 MHz.

However, I did have a bit more luck with the VCO frequency test point, which (as you recall) I had measure as 707 KHz off-frequency with my two home-based frequency counters. Well, the lab-grade counters wouldn't stabilize, but I ran the signal through the oscilloscope vertical amplifier, and drove the freq counter that way. Using that technique, I was able to adjust the VCO at 6 MHz to the nominal 16.705, with the trimmer cap just about midway.

Having done so, I observed that the received signal centers just about 10 KHz off the set frequency. Again, to receive WWV at 15.000 MHz, I have to set the norester display to 14.990. And for CHU on 7335, I set the Norester for 7.325.

If the last IF was 465 KHz, I think we'd be centered up. But it's 455 KHz. Not sure if this is affecting overall gain and sensitivity or not. I

hear lots of strong BC signals, but not many weak ones.

I'm puzzled about all this, but I'm immensely happy with the kit. I can tell you, this one goes in my suitcase for business travel (wonder if they'd let me take it on an airplane... think they'd object to me taping a piece of wire on the window?)

Thanks to Steve and Norcal for a job very well done! (My kit had every component... I'll bet packing up that kit was a bear!)

73,
monty N5FC

Original Message, QRP-L, 19:03 10/07/2002 -0400:

>Date: Sun, 06 Oct 2002 22:28:08 -0500

>From: Monty N5FC <n5fc@io.com>

>To: qrp-l@lehigh.edu, kd1jv@moose.ncia.net

>Subject: [137367] On Building the Norcal Noreaster

>

>Steve and Gang:

>

>I made building the new Norcal Noreaster Kit my Sunday project, and had it
>assembled in about 3 hours. Went together beautifully... I think SMT is
>actually easier to build than thru-hole (except for those dang SOT-23s)

>

>I ran into a few things that may help someone, and a few hangers-on that
>have me confused.

>

>1. Over and over: The silkscreen on the PCB labeling the pushbuttons is
>WRONG; the drawing on the top page of the Rev 1 manual is also WRONG: with
>the pushbuttons on the bottom, they are from left to right (and
>correctly) FUNCTION (FN), TUNE-DOWN (TD), TUNE-UP (TU).

>

>2. On page 4 of the manual: Q2 is a MMBT3904 (not 3804... searched for
>that for awhile ;-)

>

>3. On the schematic: Q2 is a 2N3904 (not 2904)

>

>4. On page 4 of the manual, under SOT-23 devices, the verbage under D1
>says you will find *four* FTDLL4148 diodes, and install one, leaving
>2. INSTEAD, you will find THREE diodes, install one, leaving 2.

>

>5. There is a statement in the section on "troubleshooting", at the top of
>page 7, that states "If the output of the loop amplifier, U6, pin 1, is at
>the positive supply rail, it means that it is trying to reduce the VCO
>frequency." This is not true... if it is at the positive supply rail, it
>is trying to RAISE the VCO frequency, and if it is near zero volts, it is
>trying to REDUCE the VCO frequency. (This one had me going for a while...

>see below).

>

>When I fired it up, my unit seemed to behave as described, except for the
>following: On the lower bands (0 and 1), I had VCO control voltage at TP1
>but it was significantly high, and at higher frequencies on those low
>bands, it was "stuck" at 15+ volts. On the higher bands, no matter what
>the frequency, it was "stuck" at near 0 volts. I tried squeezing and
>spreading turns on L3 and L4, but it didn't make any difference on the
>higher bands. Then, I noticed that there is a disparity between the
>schematic and the manual regarding L3 and L4. In the schematic, L4 was the
>smaller of the 2 coils (i.e., had fewer turns), while in the manual, L4 was
>the larger of the two coils. Hmmmm, I wondered, could the manual have
>gotten these switched? I wound a new coil to match the spec on the
>schematic, 9 turns on a T37-6 core. Then I mounted the 9-turn coil at L4,
>and the 15 turn coil (former L4) at L3. Now, following the tune-up
>procedure, I was able to get the correct VCO voltages, and tune throughout
>the entire range from 5.2 to 17 MHz.

>

>I did have another small tune-up problem, possibly component related. The
>instructions call to monitor TP2 (for frequency) and (while the receiver is
>set to 6.000 MHz) adjust the trimmer capacitor C11 to provide a frequency
>of 16.705 MHz. I could not adjust mine to that frequency - I had about 4
>KHz of adjustment, which seemed reasonable to me. In fact I was about 707
>KHz short (!!!) of the stated goal.

>

>I'm not sure if this is related, but the parts list and the schematic
>prescribe a crystal at 10.24 MHz. Mine was marked 10.2C22, so I wonder if
>that could be the reason? I'm a little confused by the crystal frequency
>selection... if the first IF is 10.705 MHz, and the second is 0.455 MHz,
>wouldn't you need a 2nd LO of 10.25 MHz +/- the filter bandwidth? And
>would one expect a 10.24 MHz crystal to oscillate 7-10 KHz high? Trimming
>usually reduces the frequency, not raises it. A 10.2 MHz crystal would
>place us even further off frequency. Puzzling...

>

>In spite of the above problems, the receiver DOES work, and is amazingly
>sensitive for 3 feet of antenna and a 9 volt battery. Cranking up the
>signal generator, the indicated frequency (on the Noreaster) seems to be
>about 9 KHz below the AM detected maximum response. Another way of saying
>this is that maximum signal occurred 9 KHz above the Noreaster's SET
>frequency. Example: to receive WWV at 15 MHz, I needed to tune to 14.990
>MHz; to receive CHU on 7.335 KHz, I had to tune the noreaster to 7.325
>MHz. I could not adjust it upwards enough to "zero". This is not
>accounted for by the difference in nominal crystal frequencies, at least not
>as far as I can figure. I'm not sure what's going on here, but something
>is definiely "off".

>

>Hope these notes save some of you some time, and I hope one of you bright
>students can figure out whassa matter with me ;-)

>
>I'd also be interested in hearing how the packaging is going...
>
>73,
>monty N5FC
>
>Monty Northrup, N5FC
>Austin, Texas
>e-mail: n5fc@io.com
>web page (ham radio): <http://www.io.com/~n5fc>
>web page (home): <http://www.io.com/~maddog>

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>
web page (home): <http://www.io.com/~maddog>

Date: Mon, 7 Oct 2002 21:46:23 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "cqc-1" <CQCLIST@yahooogroups.com>, "qrp-1" <qrp-1@lehigh.edu>
Subject: [137529] Why you should ALWAYS check 10/15m
Message-ID: <000b01c26e7d\$463b6460\$6601a8c0@BIGDOG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

At the start of the ARS Sprint, on 10m, I heard (and worked) Dean, KH6B! Then called CQ for a few minutes and worked AJ4AY.

After 10 min I switched to 15m--BOOMPH worked Dean again! Very Cool.
So I called CQ and bagged 2 more 15m QSOs: AE5X and W4NJK--Thanks gents!

So now I'm thinking QRP Hat trick, at least one QSO on each of the 5 main bands 80-10. By 7:45p I have QSOs on 40 and 20, now for 80. UGH! I have a short, 51ft; low, 18ft max height; _attic_ doublet that barely loads on 80m.

But with the help of some shameless self spotting (posting on QRP-L and the CQC email reflector, as well as checking into the weekly 2m

CQC net announcing my intentions) I did it! At least one contact on 5 bands--A QRP "Hat Trick". Many thanks to K0FRP and KD5LX for the 80m QSOs.

26 QSOs total tonight:

80m	2
40m	8
20m	11
15m	3
10m	2

And, I had a nice chat with Al, K0FRP, on one of the local 2m repeaters during the sprint. (Not included in totals above ;-)

Fun night!

73, Rod N0RC

Date: Mon, 7 Oct 2002 22:08:33 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-l" <qrp-l@lehigh.edu>, "cqc-l" <CQCLIST@yahooogroups.com>, <elecraft@mailman.qth.net>
Subject: [137530] ARS Sprinting (and other contests/sprints)
Message-ID: <002f01c26e80\$5ee0df60\$6601a8c0@BIGDOG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Each time the ARS sprint rolls around, I try to do something different. Single band, multi-band; low power, high power...etc. (Same with other events but more so the ARS Sprint).

Tonight was to be "TUBBY" night with my Icom rig working mainly 20 and 40. But after hearing Dean, KH6B, on 10m it quickly turned into: "QRP Hat Trick" night, at least one QSO on 80, 40, 20, 15 & 10m. And as chronicled in a QRP-L I did it.

So if your trying to put some spice in your "operating life" try some different things, it's fun! (Next month I'm thinking "QRP Hat Trick"

with my K2).

Here is a list of thing I can think of:

QRP Hat Trick duh ;-)
Multiband 1 Watt (or less)
Single band 5w
Single Band 1W (or less)
A cool mobile location
Only search and pounce
Only call CQ (it can get lonely ;-)
Different antennas
Use a favorite Rig (K1, K2, Rockmite, NC20.... etc.)

Post your ideas to share with others!

73, Rod NØRC

Date: Mon, 7 Oct 2002 22:39:18 -0600 (MDT)
From: brad.mugleston@attbi.com
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137531] Re: How Old are we?
Message-ID: <Pine.LNX.4.44.0210072225430.2318-100000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm 49 1/2. My 20 year old and I got our licences when he was 12. He got me into something I'd always wanted to do but never did. I had a 2M HT that I was given. He listened to it but was warned not to talk on it unless he was licenced. He asked to get his licence and we took off so fast I don't think he knew what was going on.

Two years later, as a general, he kind of gave it up. Girls, Sports, School, Friends all got in the way. He saw no future in it for him. I didn't press. When our licences need to be renewed I will renew his. I understand that it is his option but it will be my money.

How to get the kids interested - I wish I knew. I have a few scouts that start off interested but loose interest quickly. Too much work, competes with school and other interestes (yes the test is really easy but you do have to spend some time studying. -- Off topic, I say the test's are easy but I've completed school, learned how to work and study and a 50 question test doesn't bother me - now a 7th grader, that scares him/her).

Look at computers, they play games. You can find them anywhere, even dad's got one. Mom probably does too. Yes they will buy you one for school. You can program on them, easy stuff at first then more things. No stage fright. No one sees it until you let them.

Radio. Mom and dad probably don't have one and no they aren't going buy you one. All your money is already going to buy the other needs you have (skate board, snow board, movies...). You have to take a written test then your on the air - talking to WHO? A bunch of old men - your friends don't do this stuff. CW, sounds cool but at 5 wpm it hurts and again who do you talk to - old men. Sure most of us will help out, try to carry a conversation, even donate equipment and help set up antennans but we are still old men (over 20 is old).

Future - yes there may be a wireless future out there but it's with things other than HAM radio (at least on the surface).

I'm done ranting.

de KI00T, Brad

Date: Tue, 8 Oct 2002 01:11:16 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [137532] Nor'Easter fun in the SouthEast
Message-ID: <50.12efc9a0.2ad3c2f4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ain't it great when you hook up the battery and those numbers flash! Geeze, I gotta get a small tip for the iron.

Thanks Steve and NorCal.

I also appreciated Marty and others posting their suggestions!

-MAC-
AF4PS
Odessa, FL

Date: Tue, 08 Oct 2002 00:09:16 -0500

From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-1@lehigh.edu
Subject: [137533] Re: If you had to choose only one band ...
Message-ID: <LGZUTSNL2XKEBNLURCAS00NQLSMMG3Y.3da2687c@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

HI -- I'd go with the rest who prefer 30m. For local (U.S.), a CQ a couple of times during the day usually will produce a QSO. After-dinner usually a lot of U.S. Then, DX late into the night and in the early morning -- depends upon prop. conditions and activity on the "other end." Kind of easy to hang out and be the first to jump on a DX'rs CQ.

72, Ade W0RSP

Date: Tue, 08 Oct 2002 00:16:25 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-1@lehigh.edu
Subject: [137534] Re: chimney brush rods ... portable antenna ??
Message-ID: <52A9A7VP1UFCKGM2UGCSME9XVFDIDZY.3da26a29@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Jim N5IB raised a question:

"While picking up some "get ready for the hurricane" supplies at Lowes this week I noticed these rods used to attach to chimney brushes. I was in a hurry, so only glanced at them briefly - how's that for priorities: category 4 hurricane on the way, we all could die, and I'm checking out QRP antenna possibilities :^)) "

To which I say, Jim, you are the "real McCoy"! A "real" QRP'r can't help seeing everything in terms of antenna possibilities. Trees, poles, sticks, string, ropes, guywires, sectional items, -- everything has potential!

72, Ade W0RSP

Date: Mon, 7 Oct 2002 23:59:46 -0600
From: "Andrew Madsen" <andrew@utahdesign.com>

To: <qrp-1@lehigh.edu>
Subject: [137535] Re: Age/Years a Ham
Message-ID: <007a01c26e8f\$e8220ec0\$7740e843@Andrew>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm 18 and got my license 3 years ago.

-Andrew AC7CF

Date: Tue, 08 Oct 2002 01:41:20 -0500
From: Dave Hottell <hottell@gulftel.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137536] Outboard audio filter
Message-ID: <3.0.6.32.20021008014120.01006b00@pop.gulftel.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Anyone have any experience with one of these? Pro, con; good, bad? Not really interested in forking over the bucks for a DSP filter, mainly interested in analog or op amp el-cheapo variety.

73,
Dave
AB9CA

Date: Tue, 8 Oct 2002 02:25:07 -0500 (EST)
From: <igeq100@iupui.edu>
To: Dave Hottell <hottell@gulftel.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137537] Re: Outboard audio filter
Message-ID: <Pine.GS0.3.96.1021008021741.18250C-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Dave -

An outboard audio filter can make a rather broad direct-conversion

receiver quite useable. MFJ/Vectronics have a couple of inexpensive kits that work very well, as does Ramsey. A tuneable filter makes a fixed-tuned rig like a RockMite much more convenient to use. You will find lots of audio filters, many of quite good quality, on the used market because their owner now has a rig with good built in filters. There are disadvantages, such as nearby (but inaudible) signals activating the AVC and reducing your sensitivity, but the advantages are significant.

Hope my 2 cents helps.

73,
Rich, WB9LPU

On Tue, 8 Oct 2002, Dave Hottell wrote:

>
> Gang,
>
> Anyone have any experience with one of these? Pro, con; good, bad? Not
> really interested in forking over the bucks for a DSP filter, mainly
> interested in analog or op amp el-cheapo variety.
>
> 73,
> Dave
> AB9CA
>
>
>

Date: Tue, 8 Oct 2002 00:31:40 -0700
From: "blinn" <blinn@sngazette.com>
To: <n5fc@io.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137538] Re: QRP-L digest 2702
Message-ID: <000a01c26e9c\$d5d5b020\$6a8aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To report further on the N5FC discovery in respect to the L3, L4 discrepancy between the schematic and the construction instructions. The schematic is apparently correct. I changed mine as Monty described and was able to adjust the VCO voltage as per instructions... but had to really bunch the

windings to get the voltage up. Thanks for pointing this out Monty.

Put the frequency counter on TP2 which showed 16.749. Turning the trim-cap changed nothing. Bad trimpot! Replaced it with one from my "Junk Box" and adjusted the frequency to 16.705.

Now she plays! But, with the same disparity that Monty describes, the readout is down 10 from the received signal.... WWV 9.990, instead of 10.000 MHz.

I also found that a ground wire in addition to the 3' antenna wire provides a bit more signal.

I'm amazed at the sophistication of this project. Steve really does deserve that vacation!

Bill - WA7TQK

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.381 / Virus Database: 214 - Release Date: 8/2/02

Date: Tue, 8 Oct 2002 01:32:57 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <andrew@utahdesign.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137539] Re: Age/Years a Ham
Message-ID: <007a01c26ea5\$60c6dda0\$0e0df4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Way to go Andrew! Nice to know that there are Non-Old-Farts getting into this hobby. ;-) Just out of curiosity, how'd you learn about Ham radio and what interested you? Take care and hope to hear you on the air!

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Andrew Madsen <andrew@utahdesign.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, October 07, 2002 10:59 PM
Subject: Re: Age/Years a Ham

> I'm 18 and got my license 3 years ago.
>
> -Andrew AC7CF

Date: Tue, 8 Oct 2002 01:43:09 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "Joe W1GFH/6" <JTyburczy@aol.com>
Subject: [137540] Burbank Wrecking Crew FOX Hunt Team
Message-ID: <008401c26ea6\$bafa7d80\$0e0df4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Just got off the phone with Michael K6MMC and we've decided to put a team together for the Winter FOX Hunt. The team name is the Burbank Wrecking Crew. If you are an active participant in the FOX hunts and are interested in joining up, please send me an e-mail. Like the Marines, we're lookin' fer a few good men Hi!

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Tue, 8 Oct 2002 05:04:05 -0400
From: William K Penhallegon <w4stx@juno.com>
To: qrp-1@lehigh.edu
Subject: [137541] Age/Years a Ham
Message-ID: <20021008.050416.-760625.0.w4stx@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I'm 71 and got my license 46 years ago
at age 24.
According to my log books I have had
13,545 mostly CW QSOs.

-Bill
W4STX since 1960
ex KN9CTD, K9CTD, K3BXP

Date: Tue, 08 Oct 2002 13:02:55 +0200
From: Ingo Meyer DK3RED <dk3red@gmx.net>
To: qrp-l@lehigh.edu
Subject: [137542] Re: Outboard audio filter
Message-ID: <5.1.1.6.1.20021008125650.00a00140@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Dave,

>Anyone have any experience with one of these? Pro, con; good, bad? Not
>really interested in forking over the bucks for a DSP filter, mainly
>interested in analog or op amp el-cheapo variety.

Dr. Megacycle (the old ego of James Duffey, KK6MC) wrote an article "Audio
Filter Impressions" and published these one on his homepage (
<http://www.qsl.net/kk6mc>).

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de	http://www.t-online.de/~dk3red
DL-QRP-AG #824	http://www.dl-qrp-ag.de
QRP ARCI #11295	http://www.qrparci.org

Date: Tue, 8 Oct 2002 06:41:20 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@lehigh.edu
Subject: [137543] RE: Outboard audio filter . . . YES
Message-ID: <20021008.072446.-302845.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>>Anyone have any experience with one of these?

Yes, several types . . .

>>mainly interested in analog or op amp . . .

1) Lancaster's 'Active Filter Cookbook' ISBN 0 7506 2986 X (apx \$30)

I built and use several from this book . . .

An O U T S T A N D I N G 'how to >COOKBOOK< and
they WORK the first time.

2) The ARRL Handbook has several very good active filter designs.
They work too ! !

3) Your PC sound card running 'chromaSOUND'

>><http://www.siliconpixels.com><< (free)

comes with several 'CANED filters or build

(in software by moving sliders (CW, SSB, digital, you nameit))
and save your own.

4) Google will yield many other 'hamware soundcard packages.

John
N3AAZ
FM 19 xa

From: Dave Hottell <hottell@gulftel.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Date: Tue, 08 Oct 2002 01:41:20 -0500

Subject: Outboard audio filter

Gang,

Anyone have any experience with one of these? Pro, con; good, bad? Not
really interested in forking over the bucks for a DSP filter, mainly
interested in analog or op amp el-cheapo variety.

73,
Dave
AB9CA

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Date: Tue, 08 Oct 2002 07:28:44 -0400
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: qrp-1@lehigh.edu
Subject: [137544] Re: Age/Years a Ham
Message-ID: <3DA2892C.20712.10097F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

I realize that this is an ongoing thread.

Has anyone kept the complete thread? After it dies down, I could run some numbers and come up for values of mean/SD, check for normality etc.

Henry

Date: Tue, 8 Oct 2002 05:37:09 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: brad.mugleston@attbi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137545] Re: How Old are we?
Message-ID: <Pine.LNX.4.44.0210080527520.1976-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Brad, and I really enjoyed your ranting! What you say is true. And I have heard nothing about changing it. It may well be that nothing is available to make Ham Radio fun for young (under 20 years) people. Today we buy a cell phone. I have one and they are neat. While walking my dogs early in the New Mexico morning I call my friend Karl Hess who is walking from his hotel to the Interior Building in Washington DC. We chat and keep in touch.

When Karl is home we chat on 2 meters over a repeater while we both walk our dogs in different parts of town.

Both of these activities are done before the young people are even awake!

On Mon, 7 Oct 2002 brad.mugleston@attbi.com wrote:

> I'm 49 1/2. My 20 year old and I got our licences when he was 12. He got
> me into something I'd always wanted to do but never did. I had a 2M HT
> that I was given. He listened to it but was warned not to talk on it
> unless he was licenced. He asked to get his licence and we took off so
> fast I don't think he knew what was going on.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 8 Oct 2002 07:52:25 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <henryf@quartz.gly.fsu.edu>, <w0jrm@arrl.net>
Subject: [137546] Re: Age/Years a Ham
Message-ID: <102d01c26ec1\$2b86e740\$6501a8c0@cable.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rob, W0JRM, has been given that assignment. (- :)

How ya doin' Rob ?

73

Dick K2JQ

----- Original Message -----

From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, October 08, 2002 7:28 AM
Subject: Re: Age/Years a Ham

> I realize that this is an ongoing thread.

>

> Has anyone kept the complete thread? After it dies down, I could run some
numbers

> and come up for values of mean/SD, check for normality etc.

>

> Henry

Date: Tue, 08 Oct 2002 07:54:41 -0400
From: Tom Arvo <wa8dxd@mpinet.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137547] Re: Age/Years a Ham
Message-ID: <5.1.0.14.2.20021008075333.025c8260@incoming.mpinet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

56/41

73 de WA8DXD

Date: Tue, 08 Oct 2002 08:29:41 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137548] Re: who cares
Message-ID: <3DA29775.27507.8C92AE8@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 7 Oct 2002 at 14:26, Lloyd Lachow wrote:

>
> Bill ROWLETT wrote:
>
> >I could care less about how old any of you are or
> >about how you feel [sic] the hobby is going.
>
> ...but could you care more? Personally, I could not
> care less about your negative input to this thread.
> Why anyone other than someone with deep personal
> problems and a bad life "feel" the need to find fault
> with a thread that is so obviously interesting to
> pretty much everyone out there, is way, way beyond me.

Darn! I was going to jump in and say something hostile and abusive about this, and Lloyd went and beat me to it! Just spending too much time on the radio, and not quick enough at the computer....

--

/_ /_ /_ /_ /_ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_/ _/ _/ _/ _/ QRPARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Tue, 08 Oct 2002 08:41:23 -0400
From: "KB3CVS (Tom)" <kb3cvs@comcast.net>
To: qrp-1@lehigh.edu
Subject: [137549] Re: Age/Years a Ham
Message-ID: <3DA2D273.4070303@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

44 / 5 years a ham.

73
Tom
KB3CVS

Date: Tue, 8 Oct 2002 06:23:02 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "James R. Duffey" <jamesd1@flash.net>
Cc: qrp-1 <qrp-1@lehigh.edu>
Subject: [137550] Re: 3 leg regulator as a current source
Message-ID: <Pine.LNX.4.44.0210080618070.2367-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim, Good! The idea of the diode to stop discharge currents is also a great idea. I have not decided on ugly or manhattan construction. I think ugly first then something nicer.

On Mon, 7 Oct 2002, James R. Duffey wrote:

> Karl - I have built the charger you refer to. It works fine.
>
> I do not believe that the 5 V between the out and ref pins resistor appears

> in the "voltage drops around the loop" since the ref pin is not connected to
> ground. So I think that you only need worry about the voltage drop across
> the regulator, about 2.5 to 3 V. So your 12 V should charge the 7.6 V
> battery easily.

>

> You may wish to add a diode in series between the charger and the battery to
> avoid discharging the battery through the charger.

>

> You also need to worry about the time the battery is left on the charger. If
> you are charging at the 0.1 C rate, then 14 hours will result in a full
> charge. Any longer and you may shorten the battery life. - Dr. Megacycle
> KK6MC/5

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 08 Oct 2002 08:44:38 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Lew Paceley <lew@paceley.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137551] Re: How Old are we?
Message-ID: <3DA2D336.C6420C4D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well now, that is a clearer reply. I have never said ham radio was not good preparation for a career. In fact, I have ALWAYS said that if it was not for ham radio I would never have had the career that I had. I would never have gotten the jobs in engineering. I would never have gotten the assignments that I had. I would never of had the experience of living overseas. All of this I attribute directly to ham radio.

We will agree to disagree on the meaning of wireless. Today's definition is just too broad for me.

73

Date: Tue, 8 Oct 2002 07:42:05 -0500
From: George Franklin <w0av@juno.com>
To: W1JD@drix.net

Cc: qrp-1@lehigh.edu
Subject: [137552] Re: Change
Message-ID: <20021008.074817.-1439871.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello JD,

I tried EchoLink last night; fantastic!

Had a nice chat with Owen, ZL1AMC/M on his 2M simplex station as he was motoring home.

Many thanks for your introduction.

Guys, if you haven't tried EchoLink you are missing something great. All you need is your computer, sound card, an el cheapo computer microphone and a free download of EchoLink. Just do a search for EchoLink; simple!

Try it; you'll like it. Especially if you are unable to set up the station you really want, because of antenna restrictions, etc.

72 de George/W0AV
Hamming since '35

Date: Tue, 08 Oct 2002 09:09:43 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137553] CQ-WW-DX 2001 results
Message-ID: <3DA2D917.AC6DA853@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

Are there any other sites that list all the CQ WW DX (QRP) contest scores? So far I only could find this German site that lists them:

http://www.shindengen.de/dlcj/cqwwdx_ssb_2001_qrp_world.html

I must be missing something, since I can't even find the results on the CQ Magazine website.

73,
--Alex (KR1ST)

Date: Tue, 8 Oct 2002 06:06:17 -0700 (PDT)
From: Shawn Upton <kb1ckt@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [137554] Re: Age/Years as Ham
Message-ID: <20021008130617.23798.qmail@web10102.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

25 (almost 26) and in radio for almost 5 years. The
(almost) xyl is 23 and been in the hobby for 2 or 3
years.

KB1CKT

Do you Yahoo!?
Faith Hill - Exclusive Performances, Videos & More
<http://faith.yahoo.com>

Date: Tue, 08 Oct 2002 09:17:49 -0400
From: Bob Duckworth <wb4mnf@atl.org>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137555] Re: Age/Years a Ham
Message-ID: <3DA2DAFD.3060009@atl.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

49/35

BTW, when I am on a ship in a foreign port, the captain
says that the ship is sovereign to the country who's
flag it flies. So why would I need a Chinese call if
I'm on a Liberian ship at the dock in Shanghai?

-Bob
--

email ah7i@atl.org is active, replacing wb4mnf@atl.org
old address will remain in service until year end

Date: Tue, 8 Oct 2002 06:28:24 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: QRP-l <qrp-l@lehigh.edu>
Subject: [137556] Re: who cares
Message-ID: <20021008132824.72199.qmail@web10003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

OK, it was the wrong phase of the moon, or something...Bill's post seemed very out-of-place to me at the time, but I'm sorry I snapped his head off.

It is certainly a valid point that the hobby would be well served by whomever among us that can, going out among the young and not "hiding our light under a bushel."

This is also a great forum for us to kick around ideas about QRP, and the hobby in general...as long as it's not about Linux, and nobody's told to look anything up.

=====

73 es oo, Lloyd, K3ESE
K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr
ARRL - ARS #1301 - FISTS #8774
FPqrp #476 - QRParci #11147
QRP-L #2415 - SOC #530
HGT #6'1 - Wgt #190 - BT #B-

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Date: Tue, 08 Oct 2002 10:01:01 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: llachow@yahoo.com, qrp-l@lehigh.edu
Subject: [137557] Re: who cares
Message-ID: <3DA2E51D.320794B2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I take exception to you concept of never looking anything up. The technical side of this hobby is so complex that even an engineer will have trouble keeping it all in his head! If he is an expert in RF design, he will have to look up antenna questions. If he is a digital engineer, he will have to look up RF questions and antenna questions! The secret to being a good engineer is knowing where to look for information. The same applies to being an elmer!

Also, looking it up is the best way to learn. If you rely entirely on elmers, you will not get a complete picture. There will always be holes in what you know because there are holes in the elmer's knowledge.

LOOKING IT UP IS NOT BAD!

73

Date: Tue, 08 Oct 2002 07:11:15 -0700
From: "Richard Johnson" <richard_johnson@credence.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137558] Solder
Message-ID: <3DA2E783.96D87D0F@credence.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey you wizards of the soldering art.
What do you us to remove the flux after the soldering is done and the board needs a cleaning?

cheers,
rich

Date: Tue, 8 Oct 2002 07:17:09 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: QRP-1 <qrp-1@lehigh.edu>
Subject: [137559] Re: who cares
Message-ID: <20021008141709.73412.qmail@web10007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Bruce,

It's called a sense of humor. Get one; you never know
when it might come in handy!
cheers,
Lloyd

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Date: Tue, 8 Oct 2002 09:22:53 -0500
From: "=?us-ascii?B?V1ZPUQ==?" <wv0q@jbelderok.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>
Subject: [137560] RE: Age/years ham
Message-ID: <!--!
UENERkVCMdKAAQACAAAAAAAAAAAAAAAAABgAAAAAAAAUw+U68JYs0K801VEGHbfxcKAAAAQAAAAzX0JIF
SpdkaBtZjPfup7NQEAAAAA@jbelderok.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Age 34
Ham 14

Jacques wv0q

Date: Tue, 08 Oct 2002 10:24:34 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: richard_johnson@credence.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137561] Re: Solder
Message-ID: <3DA2EAA2.D94A278F@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rich,

If you use a low or no residue solder flux, no clean up
necessary... Or use water soluble flux solder and put it in
the dishwasher when you are done for a sparkling clean board.

Otherwise, use a flux removal solvent or trichlorethylene which is a carcinogen...

Jerry
W3CDE

Richard Johnson wrote:

>
> Hey you wizards of the soldering art.
> What do you us to remove the flux after the soldering is done and the
> board needs a cleaning?
>
> cheers,
> rich

Date: Tue, 08 Oct 2002 10:27:26 -0400
From: "David J. Adams" <david@theadamsclan.com>
To: qrp-l@lehigh.edu
Subject: [137562] HF Base Rig
Message-ID: <3DA2EB4E.6010808@theadamsclan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Greetings! Need a new base rig for the townhouse...I am looking for opinions on the remote operation of the TenTec Jupiter. Why? It occurs to me that I can install the Jupiter downstairs for operation directly whilst at the workbench, and I can run the control cables to the desk on the main floor (directly above...figure 10-15ft cables) for remote operation from the living room (which is kinda neat). Anyone have any thoughts on the rig and remote software (I'm aware of the problems with the last software update, feel free not to mention this)?

This then leaves me with an antenna issue. I had been planning on an MFJ 40-15m loop, but it can't be remotely tuned from upstairs. I could have the autotuner option installed in the jupiter (is this function incorporated in the remote software?) and put as much wire on the patio fence as possible with standoffs (it's a 12'x4' L at about 6' high....not terribly hopeful but perhaps some sort of l-shaped spiral?). Any thoughts?

Thanks.

73 de dave, n9uxu

Date: Tue, 08 Oct 2002 10:27:18 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137563] Re: chimney brush rods ... portable antenna ??
Message-ID: <3DA2EB46.A5F9D1B2@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Home Depot ad in the Sunday paper had them (fiberglass)
for \$4.95, with real beefy connectors on the ends.

Jerry
W3CDE

Ade Weiss W0RSP wrote:

>
> Jim N5IB raised a question:
>
> "While picking up some "get ready for the hurricane" supplies at Lowes
> this week I noticed these rods used to attach to chimney brushes. I was
> in a hurry, so only glanced at them briefly - how's that for priorities:
> category 4 hurricane on the way, we all could die, and I'm checking out
> QRP antenna possibilities :^)) "
>
> To which I say, Jim, you are the "real McCoy"! A "real" QRP'r can't help
> seeing everything in terms of antenna possibilities. Trees, poles, sticks,
> string, ropes, guywires, sectional items, -- everything has potential!
>
> 72, Ade W0RSP

Date: Tue, 08 Oct 2002 10:34:35 -0400
From: Jimmy Lee <jr1audio@bellsouth.net>
To: wv0q@jbellderok.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137564] Re: Age/years ham
Message-ID: <3DA2ECFB.673A1FFA@bellsouth.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Age 63
Han for 18
Jimmy, AE4DT

WV0Q wrote:

> Age 34
> Ham 14
>
> Jacques wv0q

Date: Tue, 8 Oct 2002 10:27:45 -0400
From: "JB Crafts" <jbcraft@adelphia.net>
To: <richard_johnson@credence.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137565] Re: Solder
Message-ID: <002301c26ed6\$df068b80\$18d73218@lbrtoh.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I use acetone...

finger nail polish remover works too, but toooooo expensive and has oil and smelly stuff in it.

I have seen some guys use freon and some use alcohol. (FREON, is not the air conditioning type).

Bob - K8YS

Date: Tue, 8 Oct 2002 10:50:09 -0400
From: Rick McKee <kc8aon@juno.com>
To: w6toy@erols.com, qrp-1@lehigh.edu
Subject: [137566] Re: Death of Ham Radio Sale
Message-ID: <20021008.105202.8678.2.kc8aon@juno.com>

Probably because they don't "WORK" for a living ! And there you go with
"GO LOOK IT UP THING AGAIN"

72/73 DE: [K] [C] [8] [A] [0] [N]

Rick McKee

Willow Wood, Ohio

QRP ! Power is for punks !

QRP-L #2112, FPqrp #33, AR QRP #269

On Tue, 08 Oct 2002 08:34:56 -0400 Bruce Muscolino <w6toy@erols.com>

writes:

>Politicians are NOT government employees. You should get a good

>CIVICS

>book and read up on why!

>

>73

>

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Date: Tue, 8 Oct 2002 10:09:14 -0500

From: "Tim, N9PUZ" <n9puz@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [137567] Re: Solder

Message-ID: <200210081503.KAA20565@zinc.eosinc.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: quoted-printable

On Tue, 08 Oct 2002 10:24:34 -0400, W3CDE Jerry L. wrote:

>If you use a low or no residue solder flux, no clean up=
necessary...

>Or use water soluble flux solder and put it in the dishwasher=
when

>you are done for a sparkling clean board.

If you clean your boards with water especially by using the=
dishwasher, etc. make sure that all the components are made for=
this. Some parts, potentiometers come to mind, come in both=
regular and washable versions. There are others as well.

Tim, N9PUZ
<http://www.qsl.net/n9puz>

Date: Tue, 8 Oct 2002 15:13:56 +0000 (GMT)
From: "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
To: <david@theadamsclan.com>, <qrp-1@lehigh.edu>
Subject: [137568] re: HF Base Rig
Message-ID: <20021008151356.119A14517@mo110uhou.palm.net>
Mime-Version: 1.0
Content-Type: text/plain ; boundary="-----_Part_62116_1832516.1034090036076"

Hi there.

Since you already made your mind up regarding the radio, why tie yourself up with a magloop unless you are going to design an circuit for autotuning (hint hint MFJ).

My recommendation is for you to design either a vertical or long-wire compromise that you can then hide and purchase a SGC Autotuner. It will autotune quickly and your radio won't burn out. Most of their Autotuners have plenty of memories for your favorite parts of the band.

Most of the antenna purists will state that the antenna won't perform as well as a pre-tuned antenna. The same don't have and haven't tried the SGC tuner.

I own the SG-2020 with the PortaTuner. I use it with a 9 foot military whip. I tried it and am impressed.

Adam Vazquez Kb2Jpd
FDNY EMS Command

Internet handheld mobile Palm(TM) i705 or Sharp Zaurus handheld.

David J. Adams <david@theadamsclan.com> wrote:

> Greetings! Need a new base rig for the townhouse...I am looking for
> opinions on the remote operation of the TenTec Jupiter. Why? It occurs
> to me that I can install the Jupiter downstairs for operation directly
> whilst at the workbench, and I can run the control cables to the desk on
> the main floor (directly above...figure 10-15ft cables) for remote
> operation from the living room (which is kinda neat). Anyone have any
> thoughts on the rig and remote software (I'm aware of the problems with
> the last software update, feel free not to mention this)?

>
>This then leaves me with an antenna issue. I had been planning on an
>MFJ 40-15m loop, but it can't be remotely tuned from upstairs. I could
>have the autotuner option installed in the jupiter (is this function
>incorporated in the remote software?) and put as much wire on the patio
>fence as possible with standoffs (it's a 12'x4' L at about 6'
>high....not terribly hopeful but perhaps some sort of l-shaped spiral?).
> Any thoughts?
>
>Thanks.
>
>73 de dave, n9uxu
>

Date: 08 Oct 2002 11:19:16 -0700
From: Tom Randall <trandall@idsi.net>
To: qrp-l@lehigh.edu
Subject: [137569] Re: Age/years a Ham
Message-ID: <1034097290.27287.4.camel@linux>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

44 years old here, been a ham for 8 and having a blast!

73!

Tom - KB2SMS
Using Suse 8 Linux

Date: Tue, 8 Oct 2002 08:25:23 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137570] Re: CQ-WW-DX 2001 results
Message-ID: <20021008152522.GB562@bob.n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Tue, Oct 08, 2002 at 09:09:43AM -0400, Alex wrote:

> Hi there,

>

> Are there any other sites that list all the CQ WW DX (QRP) contest
> scores? So far I only could find this German site that lists them:

>

> http://www.shindengen.de/dlcj/cqwwdx_ssb_2001_qrp_world.html

>

> I must be missing something, since I can't even find the results on the
> CQ Magazine website.

I believe the only way to see the entire list of scores is to buy the
magazine.

73, Bob N7XY

Date: Tue, 8 Oct 2002 11:21:17 -0400

From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>

To: qrp-1@lehigh.edu, neqrp@jonal.net

Subject: [137571] Tonight, Tuesday NEQRP SSB Net at 7:30PM EDST on 7.287 - 7.295
MHZ

Message-ID: <0F66AB74B1.07C61A43-0N85256C38.00510176@and.us.ray.com>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

Last week was a bust lets try again.

NEW FREQ's 7.287 - 7.295 MHZ

Cross our fingers the AM'ers are quiet hi hi

If you do not hear me by 7:35PM then call CQ QRP
and see if someone can hear you.

Ron - N1ZSW

Date: Tue, 08 Oct 2002 11:26:37 -0400

From: David Hinerman <WD8CIV@worldnet.att.net>

To: qrp-1@lehigh.edu

Subject: [137572] Re: Solder
Message-ID: <5.1.1.6.1.20021008112458.00a640a0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:09 AM 10/8/2002 -0500, you wrote:

>On Tue, 08 Oct 2002 10:24:34 -0400, W3CDE Jerry L. wrote:

>

> >If you use a low or no residue solder flux, no clean up necessary...

> >Or use water soluble flux solder and put it in the dishwasher when

> >you are done for a sparkling clean board.

>

>If you clean your boards with water especially by using the dishwasher,

>etc. make sure that all the components are made for this. Some parts,

>potentiometers come to mind, come in both regular and washable versions.

>There are others as well.

Tim,

You're quite right. DIP switches tend to be a big problem, although you can get them with a tape seal over the switch toggles. Electrolytic capacitors used to be a problem too, although most units these days have rubber seals.

Dave

Electrical items never die, you see, I am merely unable to revive them with today's technology.

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 08 Oct 2002 11:31:36 -0400
From: ae5x@netscape.net (John Harper AE5X)
To: qrp-1@lehigh.edu
Subject: [137573] Spartan Sprint from a portable set-up
Message-ID: <7815852A.134CD8CC.00003ABB@netscape.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Last nights' Sprint sure was a lot of fun. I am currently away from home for a few weeks and living in a corporate apartment in Oklahoma City. I brought my K1 (4 bander) along with me, as well as some fishing weights, wire, nylon cord and other

antenna paraphernalia. Upon arrival here, I shot a line about 10 feet away and 20 feet up to a pine tree outside my 2nd floor balcony and pulled up a wire. Then dropped another wire to the ground and fed the whole thing with a short section of twin-lead just to keep the feed point outside.

The whole sorry mess seems to be working surprisingly well and the K1's internal tuner tunes the antenna on all 4 bands. Worked YN4SU during a break from the Sprint (on 30m) and made the following contacts during the Sprint:

15m - 2 (N0RC and KH6B (in Hawaii!))
20m - 10
40m - 3

I powered the rig with 8 rechargeable NMHi batteries, whose key-up voltage dropped from 10.3 to 10.0 volts during the 1 hour 15 minutes I was on the air.

Lots of fun - I'm already looking forward to the next one. 72,

--

John Harper AE5X
Outdoor QRP: <http://www.ae5x.com>

The NEW Netscape 7.0 browser is now available. Upgrade now! <http://channels.netscape.com/ns/browsers/download.jsp>

Get your own FREE, personal Netscape Mail account today at <http://webmail.netscape.com/>

Date: Tue, 08 Oct 2002 11:52:14 -0400
From: ae5x@netscape.net (John Harper AE5X)
To: qrp-l@lehigh.edu
Subject: [137574] Weight of K1?
Message-ID: <7EE6AEB9.378604AF.000003ABB@netscape.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Anyone know the weight of a K1(4) with built-in tuner and 8 AA batteries? I need it to figure my score in last night's Sprint.

Thanks and 72,

--

John Harper AE5X

Outdoor QRP: <http://www.ae5x.com>

The NEW Netscape 7.0 browser is now available. Upgrade now! <http://channels.netscape.com/ns/browsers/download.jsp>

Get your own FREE, personal Netscape Mail account today at <http://webmail.netscape.com/>

Date: Tue, 08 Oct 2002 11:56:50 -0400
From: Alex <kr1st@amsat.org>
To: nielsen@oz.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137575] Re: CQ-WW-DX 2001 results
Message-ID: <3DA30042.242AA9DF@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Bob,

Bob Nielsen wrote:

> I believe the only way to see the entire list of scores is to buy the
> magazine.

I did, but I couldn't find my callsign. However, the website I listed had it.

Thanks and 73,
--Alex (KR1ST)

Date: Tue, 08 Oct 2002 10:59:40 -0500
From: "George, W5YR" <w5yr@att.net>
To: henryf@quartz.gly.fsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137576] Re: Age/Years a Ham
Message-ID: <3DA300EC.751036F8@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Should be in the QRP-L archives . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

Henry Freedenberg wrote:

>

> I realize that this is an ongoing thread.

>

> Has anyone kept the complete thread? After it dies down, I could run some numbers

> and come up for values of mean/SD, check for normality etc.

>

> Henry

Date: Tue, 8 Oct 2002 09:55:33 -0600

From: William R Colbert <w5xe@juno.com>

To: qrp-l@lehigh.edu

Subject: [137577] RE: Outboard audio filter . . . YES

Message-ID: <20021008.095752.-435025.0.w5xe@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I too have used several types of audio filters.

One, built from a circuit in 73 Magazine of the late 60's which is passive, switched caps and a couple of 88mhy chokes. Worked well.

My first active filter, which I still have and use is the MFJ CWF-2 - an excellent filter with 3 positions of selectivity plus a bypass position, works off a 9v battery or will take 9-18v dc if you want to provide that. Also have an Autek QF1 and QF1A which both work well but the QF1A is better, I think. I also have a Datong ANF which I use with a FT707 which came without a cw filter. And that works well particularly when you are searching in the auto mode for the peak on your target cw signal, then go over to peak and adjust the frequency to coincide with the auto finding. Unless the offending signal is right zero beat, you won't hear anything but the signal you want.

And as was pointed out, there are several homebrew types,

and the sound card types - and I did go to the listed page that John gave but good ole 404 popped up. Oh yes, I also have the RS dsp40 filters(2) which work, reduces some pulse noise and has a 750 hz filter but not adjustable. They are available for a few bux at swapmeets.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M

SOC#78 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Tue, 8 Oct 2002 12:15:38 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-1@lehigh.edu>
Subject: [137578] Age/ham
Message-ID: <6579C6377F475547985F0B3E426E16260204DE7B@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Hi

59, not sure, since I think 1972.
Now ask how long I have been in radio, and not as a cb'er either.
Oh well another topic for when this one dies.

Marty Hartwell kd8bj
mehartwell@att.com
AT&T Columbus Ohio
PH:614-501-2503

Date: Tue, 08 Oct 2002 12:39:50 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [137579] Nor'Easter Tech Help
Message-ID: <3.0.6.32.20021008123950.007b4e40@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Well, I've been back from vacation for a few days now and have been reading the mail. Many thanks to Monty for finding and posting the typos in the manual. Seems no matter how many times one looks at the draft, a few of those end up in there!

It's good to see that a number of you have gotten the receiver to work and are happy with the results!

The display reading 10 KHz low is most likely a software error. I thought I had that fixed, but apparently not. A little annoying, but no big deal, so long as your aware of it.

There should have been a X2 layout diagram with the manual, along with the schematic. I'll convert the layout drawing to a jpg file and post it on my web site later tonight, along with the erratica notes posted so far. That should help finding where to put the parts a little easier :-)

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 8 Oct 2002 09:31:24 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: david@theadamsclan.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137580] Re: HF Base Rig
Message-ID: <20021008163124.77888.qmail@web14206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The SCG Autotuner is a good way to go. Better range than the built in tuners. As far as the antenna goes, how many floors is the townhouse and is the downspout on the rear close to where the radio will be. If so, they make real good verticals. Used a downspout with 30 feet of gutter across the back of a two story house on 40 and 15 with good success. Had 6 radials of different lengths. Loaded on all bands.

Just a thought.

73, bill kc4atu

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<http://faith.yahoo.com>

Date: Tue, 08 Oct 2002 11:33:10 -0500
From: "George, W5YR" <w5yr@att.net>
To: w0av@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137581] Re: Change
Message-ID: <3DA308C6.65A1E4A6@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And as those sun spots sink slowly in the West, we will find EchoLink to be more and more useful and attractive. Already, I use it as a backup when an on-air QSO is wiped out by a dying band, QRM, QRN, etc. and the QSO cannot continue with r-f.

Does this degrade amateur radio? Well, that is a matter of opinion but the heart of amateur radio is communication, not just the production and manipulation of radio waves. Historically, our medium for the most part has been electromagnetic wave propagation, usually involving the ionosphere. As an engineer, though, I am not reluctant to employ another medium when an alternative is available and the primary ceases to meet the need.

It seems to me that as long as we keep in mind that the name of the game is communication there will be few reasons not to use alternative media. I, for one, probably represent many of the older hams who still are in awe of the concept of tossing a wire in a tree, keying a few-watt transmitter, and talking with someone halfway around the world! To me, the magic of amateur radio still is "radio" but I would far rather carry out my desired communications on alternative media than not at all.

Sure, EchoLink and the like is close to a telephone connection. But the capabilities implemented in Yahoo Messenger's Voice Chat, for example, has allowed me to talk almost weekly with my son, K5SR, who has been on assignment in many foreign locations where amateur radio would not have been feasible. He is presently in Amsterdam and our weekly voice chats are augmented with our real-time webcams so that we see one another as well as hear. That capability simply is not feasible or practically possible with HF amateur radio.

No, EchoLink is not amateur radio, but it sure beats email, snail-mail, fax, and unbelievably expensive telephone calls. And we have done them all!

Final thought: based on the recent bio info on the list, George, W0AV, and this George are among the oldest on the list. Interesting that we should be so willing to endorse a non-radio communications medium . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 Icom IC-765 #2349 Icom IC-756 PRO #2121

George Franklin wrote:

>
> Hello JD,
>
> I tried EchoLink last night; fantastic!
>
> Had a nice chat with Owen, ZL1AMC/M on his 2M simplex station as he was
> motoring home.
>
> Many thanks for your introduction.
>
> Guys, if you haven't tried EchoLink you are missing something great.
> All you need is your computer, sound card, an el cheapo computer
> microphone and a free download of EchoLink. Just do a search for
> EchoLink; simple!
>
> Try it; you'll like it. Especially if you are unable to set up the
> station you really want, because of antenna restrictions, etc.
>
> 72 de George/W0AV
> Hamming since '35

Date: Tue, 8 Oct 2002 12:39:54 -0400

From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>

To: <qrp-1@lehigh.edu>

Subject: [137582] work and surfing

Message-ID: <6579C6377F475547985F0B3E426E16260204DE7C@0CCLUST01EVS1.ugd.att.com>

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: quoted-printable

Then there are those of that depend on surfing the net for our =
employers! What a job.

Marty Hartwell kd8bj
mehartwell@att.com
AT&T Columbus Ohio
PH:614-501-2503

Date: Tue, 8 Oct 2002 09:41:19 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: QRP-l <qrp-l@lehigh.edu>
Subject: [137583] Re: Weight of K1?
Message-ID: <20021008164119.30197.qmail@web10006.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

My K1, with ATU, an external 8-pack of AA batteries,
and my Paddlette paddles, weighs 2.3 lbs., as weighed
at my local PO. I run it at 3W with this power supply.

=====

73 es oo, Lloyd, K3ESE
K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr
ARRL - ARS #1301 - FISTS #8774
FPqrp #476 - QRParci #11147
QRP-L #2415 - SOC #530
HGT #6'1 - Wgt #190 - BT #B-

Do you Yahoo!?
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<http://faith.yahoo.com>

Date: Tue, 8 Oct 2002 09:38:06 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [137584] Notch Filter chips from National
Message-ID: <GNE0LGDJDOPEALHJMKLCOE0ECNAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Have any of you tried the notch filter chips from National for a receiver filter?

I remember my old TS830 had a fantastic notch filter. I always wanted to have one of those in my projects, but I've never really been able to get one going properly.

See

<http://www.fulcrum.ru/Documents/CDROMs/NS/pdf/nsc07830.pdf>

They have an LMF90 and LMF100 version. I found them on a google search using "National Semiconductor Notch Filter" as the search criteria. There are several more entries that I didn't explore.

I've tried a couple of designs that use variable resistors to adjust the notch width and frequency. They just didn't do what the old '830 did. It would be nice to have notch depth, width and frequency control - but a fixed depth would be fine. Frequency is obviously a must; width is really nice to control.

I saw an OLD tube receiver that had a notch filter that was awesome - it had depth, width, and frequency controls so I know it can be done. That with a Q multiplier and you could

Any comments? Look easy enough to make it a reality?

All this filter talk kinda got me looking lol

Tracy N4LGH

PS

They're noted as a 'lifetime buy' - um, maybe I should know what that means but ...

Date: Tue, 8 Oct 2002 12:51:03 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137585] Re: Age/Years a Ham
Message-ID: <20021008124954.V519-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 8 Oct 2002, Henry Freedenberg wrote:

> Has anyone kept the complete thread? After it dies down, I could run some numbers

> and come up for values of mean/SD, check for normality etc.
^^^^^^^^^^^^^^^^^^^^

Ham Radio operators and Normal?

Gads, a new breakthrough

thom

Date: Tue, 08 Oct 2002 12:53:57 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137586] Re: Age/Years a Ham
Message-ID: <3DA2D565.24153.9BB220D@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 8 Oct 2002 at 10:59, George, W5YR wrote:

> Should be in the QRP-L archives . . .

>

> 73/72, George

>

> Henry Freedenberg wrote:

> >

> > I realize that this is an ongoing thread.

> >

> > Has anyone kept the complete thread? After it dies down, I could run some numbers

> > and come up for values of mean/SD, check for normality etc.

> >

> > Henry

>

Yeah, LOOK IT UP! ; -)

--

/ \ / \ / \ / \ / \ John L. Sielke

(W)(2)(A)(G)(N) <http://www.w2agn.net>
 _/ _/ _/ _/ _/ QRPARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Tue, 8 Oct 2002 12:55:35 -0400
From: Haines Brown <brownh@hartford-hwp.com>
To: qrp-l@lehigh.edu
Subject: [137587] Re: Age/Years as Ham
Message-ID: <200210081655.g98GtZr21816@hartford-hwp.com>

68/2 (50 years a virtual ham)

--

Haines Brown
brownh@hartford-hwp.com
kb1grm@arrl.net
www.hartford-hwp.com

Date: Tue, 8 Oct 2002 10:59:52 -0600
From: "" <markb@abq.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137588] Re: Solder
Message-ID: <af2d8836c0324c938c78ad10b49a785a.markb@abq.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

> What do you us to remove the flux after the soldering is done and the
> board needs a cleaning?

Alcohol as a mild remover, brake cleaner spray works well too but
don't use it in a confined area=2E

Mark K5LXP
Albuquerque, NM
k5lxp@arrl=2Enet

Date: Tue, 08 Oct 2002 13:15:05 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: richard_johnson@credence.com
Cc: qrp-1@lehigh.edu
Subject: [137589] Re: Solder
Message-ID: <5.1.0.14.1.20021008131013.00a64d50@pop.prodigy.yahoo.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:11 AM 10/8/02 -0700, you wrote:

>Hey you wizards of the soldering art.
>What do you us to remove the flux after the soldering is done and the
>board needs a cleaning?
>
>cheers,
>rich

I use "electronic grade" - 99% Isopropyl Alcohol, made by Tech Spray. I soak the board for a few minutes, with the alcohol just covering the board itself, and use a natural hair brush to give it a scrub. A quick rinse in distilled water and air drying finishes the job. The alcohol doesn't attack plastics, nor remove chip IDs, so a pretty good approach I think.

I'm sure others have their favorite method.

72,

Jim, K8IQY

Date: Tue, 8 Oct 2002 12:15:16 -0400
From: Rob Matherly <w0jrm@arrl.net>
To: k2jq@rcn.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137590] Re: Age/Years a Ham
Message-ID: <200210081716.g98HGQQJ001731@mail.iowasocean.com>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Tuesday 08 October 2002 07:52 am, Richard Brummer, K2JQ wrote:

@ Rob, W0JRM, has been given that assignment. (- :)

@

@ How ya doin' Rob ?

So far I've figured out I need a new calculator ;^)

Seriously though, I deleted about 60 messages before I was volunteered...
Someone else that doesn't keep their mailbox size incredibly small probably
oughta take over :^)

--

72/73/oo
Rob, w0jrm

Using Mandrake Linux 8.2 99.97832% of the time

Visit my website!

=====

<http://www.qsl.net/w0jrm>

=====

Date: Tue, 08 Oct 2002 10:51:52 -0700
From: Bob Welch <p326@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137591] Sick Rock-Mite
Message-ID: <3DA31B38.6F33C7CC@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This could be your lucky day. I have 20mtr rock-mite ,not in a case but
with connectors.

It needs help,and I can't seem to get it to work right. It will
transmit,very weak receive,and a steady tone on the alternate freq.

Yours for \$18.Reply direct if interested.

Bob

Date: Tue, 8 Oct 2002 12:54:27 -0500

From: "KD5NWA" <KD5NWA@mbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137592] RE: 3 leg regulator as a current source
Message-ID: <NGBBJPBA0LKEABLLGGKBKEHDCFAA.KD5NWA@MBayona.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That amount of current into a small battery pack can damage the batteries if it's left on too long, I found a using two voltage regulators to be a bit safer, the first one is setup as you describe to limit the current to a safe maximum level, followed by the second regulator setup as a voltage regulator set to the fully charged voltage of the pack. This setup prevents overcharging the battery once it reaches full charge, but it also limits the current to a safe value if the battery is discharged. In order for this to work you need to have sufficient voltage for the input so after the drop of both regulators you can still enough to reach full battery potential. One regulator can be set to do both features, but it's not controllable as two regulators.

Cecil
KD5NWA

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Karl F. Larsen
Sent: Monday, October 07, 2002 2:53 PM
To: Low Power Amateur Radio Discussion
Subject: 3 leg regulator as a current source

I have an old National Semiconductor Voltage Regulator book and it talks to designing all manor of regulated power supplies using the now standard 3 pin voltage regulator chips that come in all voltages and many current capacity values. They show a diagram for a constant current source which is what I want to charge my 7.6 volt batteries for my Hand Held QRP Radio.

What I want is a constant current of 150 Ma through the battery while charging. Using the design formula and a 5 volt regulator I found that a 12 Volt DC Wall Wort power supply with more than 200 Ma rating is a perfect power supply.

The circuit is on the left a 12 volt source, with + going to the input of the regulator. The output goes to a series circuit containing a resistor and the battery under charge, with the control (or Ground) pin

of the regulator connected to the junction of the resistor and the battery. The negative of the battery goes to the negative of the 12 volt power supply.

There is always 5 volts between the regulator output and control pins. Since there is always about 8 volts across the battery, $8+5=13$ volts tells me I can't get 0.150 Amp into my battery but will be close. Or perhaps the voltage may drop across R to keep the current at 0.15 Amps. R is 33.3 ohms when using a 5 volt regulator to make 0.15 Amps constant current.

I need to build this battery charger. I think it's the VERY BEST way to charge Ni-MH batteries. If your battery is a 14 volt type your power supply needs to be about 20 volts.

More when I get this built and working.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Tue, 8 Oct 2002 11:08:55 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: QRP-l <qrp-l@lehigh.edu>, "Li'l Piggies" <fpqrp-l@mpna.com>
Subject: [137593] 20M OC DX
Message-ID: <20021008180855.28158.qmail@web10003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

FWIW: Last night, my 5W and hunk o' wahr were good enough to work ZK1EQL, a Swedish DXpedition to So. Cook Island at about 0335Z on 14.003, and the night before it was ZK20M on Niue, around the same time and place.

=====

73 es oo, Lloyd, K3ESE
K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr
ARRL - ARS #1301 - FISTS #8774
FPqrp #476 - QRParci #11147
QRP-L #2415 - SOC #530
HGT #6'1 - Wgt #190 - BT #B-

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Date: Tue, 8 Oct 2002 13:20:13 -0400
From: Rob Matherly <w0jrm@arrl.net>
To: qrp-1@lehigh.edu
Subject: [137594] Averages of age and years ham...
Message-ID: <200210081821.g98ILLQJ004364@mail.iowasocan.com>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Should I head off into the archives with a pencil, paper, and calculator, or does someone with a neato spreadsheet program want to volunteer? :^)

--

72/73/oo
Rob, w0jrm

Using Mandrake Linux 8.2 99.97832% of the time

Visit my website!
=====
<http://www.qsl.net/w0jrm>
=====

Date: Tue, 08 Oct 2002 14:28:44 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: richard_johnson@credence.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137595] Re: Solder
Message-ID: <3DA323DC.F0BE01C3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Assuming you are using a good quality rosin core solder, the board should not need cleaning. The rosin will not have any effect on the traces in your lifetime! However, if neatness is utmost, or you are a sloppy worker, I have used acetone and an old toothbrush to good advantage. They can be bought at your nearest drugstore!

73

Date: Tue, 08 Oct 2002 14:32:50 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: w3cde@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137596] Re: chimney brush rods ... portable antenna ??
Message-ID: <3DA324D2.BABDC5E3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It seems to me that there are different types of fiberglass,, just like PVC. Fiberglass is a mixture of a carrier (mat or woven glass) and epoxy. It seems possible to use various materials for the mat and also different fillers for the epoxy. Again, I would not freely rely on the ads for usability!

73

Date: Tue, 8 Oct 2002 11:32:13 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'w2agn@w2agn.net'" <w2agn@w2agn.net>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137597] RE: Age/Years a Ham
Message-ID: <BF889CEBEFD2D511B993009027F60ABE2518C4@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> > > and come up for values of mean/SD, check for normality etc.

Sure, no threaten us with being normal. How low can this get?!?!?

.mark

Date: Tue, 8 Oct 2002 13:50:56 -0500
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'w0jrm@arrl.net'" <w0jrm@arrl.net>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [137598] RE: Averages of age and years & Statistics
Message-ID: <01C26ED1.C1182340@KKANALZ>

Rob,
Statistics are made up "on the spot" by people 47.8396% of the time! [grin]

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Rob Matherly [SMTP:w0jrm@arrl.net]
Sent: Tuesday, October 08, 2002 12:20 PM
To: Low Power Amateur Radio Discussion
Subject: Averages of age and years ham...

<snip>

72/73/oo
Rob, w0jrm

Using Mandrake Linux 8.2 99.97832% of the time

Date: Tue, 08 Oct 2002 14:56:31 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: w5yr@att.net, qrp-l@lehigh.edu
Subject: [137599] Re: Change
Message-ID: <3DA32A5F.7B6E4E7A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I strongly disagree with your statements. Radio is radio, and the telephone is the telephone. Yes, communication is the purpose of both, but the means and methods are different. You must make a clear distinction.

Amateur radio will only survive as long as there are people willing to learn the technical side of the hobby and manipulate the ether!

The telephone exists in over 90 % of the homes in the world. It requires nothing to use. It does not depend on manipulation of the ether!

You' are old enough to know all these things. If you are the least bit

unhappy about freebanders infringing on our frequencies, tell me, how is this different?

73

Date: Tue, 8 Oct 2002 14:55:02 -0400 (EDT)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: tracy@bytemark.com
Cc: qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [137600] Re: Notch Filter chips from National
Message-ID: <13818-3DA32A06-4798@storefull-2154.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Tracy,

I think that means it is a limited production item and once they are gone and out of stock, that is it... no further production

72 es ooDennis - WB0WA0NJQRP #329FPQRP #-347SOC
#499FISTS # 9299GACW #622ARS #1363

Date: Tue, 08 Oct 2002 12:00:57 -0700
From: Timothy-Allen Albertson-KG6IRH <kg6irh@pacbell.net>
To: qrp-1@lehigh.edu
Subject: [137601] Re: Averages of age and years & Statistics
Message-ID: <00c701c26efd\$0901f660\$e699aa40@computer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

There is a joke from the late Senator Sam Ervin
whose punch line was:

"Figures don't lie, but liars sure do figure."

73 de tim kg6irh.

----- Original Message -----

From: "Karl Kanalz" <kkanalz@gcecispc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, October 08, 2002 11:50 AM
Subject: RE: Averages of age and years & Statistics

> Rob,
> Statistics are made up "on the spot" by people 47.8396% of the time!
[grin]
>
> Karl K - W8TIF
> McKinney, Texas
>
> -----Original Message-----
> From: Rob Matherly [SMTP:w0jrm@arrl.net]
> Sent: Tuesday, October 08, 2002 12:20 PM
> To: Low Power Amateur Radio Discussion
> Subject: Averages of age and years ham...
>
> <snip>
>
> 72/73/oo
> Rob, w0jrm
>
> Using Mandrake Linux 8.2 99.97832% of the time
>
>

Date: Tue, 8 Oct 2002 15:11:30 -0400
From: "Steve Lawrence" <Steve.Lawrence@itwfeg.com>
To: qrp-l@lehigh.edu
Subject: [137602] End-Fed Tuner for 40 & 15M??
Message-ID: <OF1801361B.07A210BB-0N85256C4C.0068952E-85256C4C.00696BBB@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm looking for a simple tuner circuit to match an end-fed antenna -
perhaps a W3EDP style - to a radio. Ideal solution would be:

- 1.) small & light weight
- 2.) power up to 5 - 10 watts
- 3.) some sort of SWR indicator

Ultimately, I'm trying to set up an ultra-portable wire antenna for 40 &
15M. I have a ZM-2, but am looking for something even smaller/lighter,
and don't need the "universal" properties of something like the ZM-2 or
BLT.

Suggestions?

73,
Steve
aa8af

Date: Tue, 8 Oct 2002 15:15:06 -0400 (EDT)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: tracy@bytemark.com
Cc: qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [137603] Re: Notch Filter chips from National
Message-ID: <19302-3DA32EBA-6467@storefull-2158.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Tracy,

BTW the LMF90 is obsolete and not available but the LMF100 is still in production according to the NatSemi website..

72 es ooDennis - WB0WAONJQRP #329FPQRP #-347SOC
#499FISTS # 9299GACW #622ARS #1363

Date: Tue, 08 Oct 2002 12:30:29 -0700
From: "Richard Vizcarra" <k6tm@msn.com>
To: qrp-1@lehigh.edu
Subject: [137604] FS: Ten Tec Corsair II
Message-ID: <F33MOT8mzWZgImKjwjG000070c2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For sale: Ten Tec Corsair II. Includes the 960 Power Supply/Speaker, 250hz and 500hz filters, and manual. Excellent condition. No microphone. Only known problem is an intermittent LED segment. Paypal or postal money order preferred.

\$750 + shipping.

Rich
k6tm@msn.com

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<http://photos.msn.com/support/worldwide.aspx>

Date: Tue, 08 Oct 2002 15:36:37 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [137605] Re: End-Fed Tuner for 40 & 15M??
Message-ID: <5.1.1.6.1.20021008152633.00a6cd90@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:11 PM 10/8/2002 -0400, you wrote:

>I'm looking for a simple tuner circuit to match an end-fed antenna -
>perhaps a W3EDP style - to a radio. Ideal solution would be:

- >
> 1.) small & light weight
> 2.) power up to 5 - 10 watts
> 3.) some sort of SWR indicator
>

>Ultimately, I'm trying to set up an ultra-portable wire antenna for 40 &
>15M. I have a ZM-2, but am looking for something even smaller/lighter,
>and don't need the "universal" properties of something like the ZM-2 or
>BLT.

Steve,

The New Jersey QRP club's Web site has an article on an end-fed 1/2 wave antenna for 40M with a really simple tuner:

<http://www.njqrp.org/n2cxantennas/halfer/index.html>

A 1/2 wave antenna for 7 MHz is about 3/2 wavelengths at 21 MHz, so it'll also show a high impedance there. (Don't ask me about radiation patterns. I haven't a clue how they compare.) I don't know if the NJQRP tuner will cover both bands, though. For an SWR indicator you could whip together a simple resistive LED indicator such as N7VE's:

<http://www.extremezone.com/~nk7m/n7veswr.htm>

Dave

Electrical items never die, you see, I am merely unable to revive them with today's technology.

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 8 Oct 2002 14:43:23 -0400
From: Rob Matherly <w0jrm@arrl.net>
To: kkanalz@gcecispc.com,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137606] Re: Averages of age and years & Statistics
Message-ID: <200210081944.g98JiVQJ007755@mail.iowasocean.com>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Tuesday 08 October 2002 02:50 pm, Karl Kanalz wrote:

@ Rob,
@ Statistics are made up "on the spot" by people 47.8396% of the time!

I'm about 98.732347% sure you're referring to my sig file ;^)

--

72/73/oo
Rob, w0jrm

Using Mandrake Linux 8.2 99.97832% of the time

Visit my website!

=====
<http://www.qsl.net/w0jrm>
=====

Date: Tue, 8 Oct 2002 14:45:05 -0400
From: Rob Matherly <w0jrm@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137607] Re: Averages of age and years ham...
Message-ID: <200210081946.g98JkDQJ007843@mail.iowasocan.com>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Had someone say "if you've got the data, I've got the spreadsheet", so I'll head off into the archives later, sort by subject, and write down all the stuff.... If I'm not out by Thursday, send in a search party! :^)

--

72/73/oo
Rob, w0jrm

Using Mandrake Linux 8.2 99.97832% of the time

Visit my website!
=====
<http://www.qsl.net/w0jrm>
=====

Date: Tue, 08 Oct 2002 13:04:56 -0700
From: "wd7y@pyramid.net" <wd7y@pyramid.net>
To: QRP-L Members Talk <qrp-l@lehigh.edu>
Subject: [137608] FS ANTENNA
Message-ID: <B9C88877.9917%wd7y@pyramid.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hy-Gain AV-620 6 Band Vertical Antenna
Bands 6,10, 12, 15, 17, and 20 meters.
Can work well with a tuner on 40 meters.
In good working condition.

3/8 wavelength O/A Length 25 Ft. A good roof mount vertical.
Radiation Angle at 1/4 Wavelength high 16 degrees.
No radials or traps. Power Handling 1500 Watts.
Wind survival 80 MPH. I use guys for extra support.
Low-Profile. Automatic Band switching.
Manual included.

Buyer to pay shipping.

Asking \$100.00

Date: Tue, 8 Oct 2002 15:14:03 -0400
From: Rob Matherly <w0jrm@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137609] Re: Averages of age and years ham...
Message-ID: <200210082015.g98KFDQJ008966@mail.iowasocan.com>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Tuesday 08 October 2002 02:45 pm, Rob Matherly wrote:

@ Had someone say "if you've got the data, I've got the spreadsheet", so I'll
@ head off into the archives later, sort by subject, and write down all the
@ stuff.... If I'm not out by Thursday, send in a search party! :^)

Well, I'm about 1/10 of the way in... time to go get more coffee :^)

--

72/73/oo
Rob, w0jrm

Using Mandrake Linux 8.2 99.97832% of the time

Visit my website!
=====
<http://www.qsl.net/w0jrm>
=====

Date: Tue, 8 Oct 2002 13:21:19 -0700 (PDT)
From: Gary Slagel <gds slagel@yahoo.com>
To: Steve.Lawrence@itwfeg.com,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137610] Re: End-Fed Tuner for 40 & 15M??
Message-ID: <20021008202119.81094.qmail@web11607.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Steve,

Check out this article from the ARS a couple years ago
(http://www.natworld.com/ars/pages/back_issues/2000_text/0100_text/film.html)

Its a great little end fed 1/2 wave tuner put together by Bill Jones, KD7S. As written up in the article its for 20 meters but its easily converted to 40 meters. If you're interested, I asked Bill to send me figures for the torroid at the time and he sent me a spreadsheet with the information... I've still got it and could forward it to you.

As is, its got no swr indicator but the article references another article with a simple led swr indicator. I've built it with and without. I like it without cuz its smaller and I find I can tune it for max noise and it works great.

Good luck,
Gary

--- Steve Lawrence <Steve.Lawrence@itwfeg.com> wrote:
> I'm looking for a simple tuner circuit to match an
> end-fed antenna -
> perhaps a W3EDP style - to a radio. Ideal solution
> would be:
>
> 1.) small & light weight
> 2.) power up to 5 - 10 watts
> 3.) some sort of SWR indicator
>
> Ultimately, I'm trying to set up an ultra-portable
> wire antenna for 40 &
> 15M. I have a ZM-2, but am looking for something
> even smaller/lighter,
> and don't need the "universal" properties of
> something like the ZM-2 or
> BLT.
>
> Suggestions?
>
> 73,
> Steve
> aa8af
>

>
>

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://gdslagel.bravepages.com>

Do you Yahoo!?
Faith Hill - Exclusive Performances, Videos & More
<http://faith.yahoo.com>

Date: Tue, 8 Oct 2002 20:47:24 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: <tracy@bytemark.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137611] Re: Notch Filter chips from National
Message-ID: <DAV45Kpn77J3v0LYeU50000d333@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

[deleted]

> PS
> They're noted as a 'lifetime buy' - um, maybe I should know what that
means
> but ...
>

It means they are being discontinued, and everyone who wants some should
stock up, as they won't get any more. I wouldn't touch them with a
bargepole. 8-)

73, Leon
--
Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Tue, 08 Oct 2002 16:37:23 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [137612] Re: Notch Filter chips from National
Message-ID: <5.1.1.6.1.20021008163633.00a74290@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:47 PM 10/8/2002 +0100, you wrote:

>[deleted]
>
> > PS
> > They're noted as a 'lifetime buy' - um, maybe I should know what that
>means
> > but ...
> >
>
>It means they are being discontinued, and everyone who wants some should
>stock up, as they won't get any more.

Leon,

In other words, "last call!"

Dave

Electrical items never die, you see, I am merely unable to revive them with
today's technology.

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 8 Oct 2002 14:37:36 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [137613] Re: End-Fed Tuner for 40
Message-ID: <20021008.143738.-435025.9.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Why not use an L network tuner? Work very well

with end fed antennas - about 10 uHy coil or less,
tapped to a switch, and a single cap - 2 or 3 section
broadcast type - two section probably ok, with a small
clip on a connecting wire between the two sections to
show the increased capacity for the lower frequencies.
And you might want to be able to place the cap at the
input or output, which in some cases makes it easier
to match the wire. And the smaller components can
mean a reduced size for portable use.
Haven't looked at the recent handbooks,
but early ones have the L net tuner as well as the Pi-L net.

73

Ray

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC#3618, SOWP#1064M

SOC#78 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Tue, 08 Oct 2002 14:14:50 -0700
From: Bob Welch <p326@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137614] Re: Sick Rock-Mite
Message-ID: <3DA34ACA.490E584C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank you Rock Mite fans for all the replies. It has been sold.

Bob

Bob Welch wrote:

> This could be your lucky day. I have 20mtr rock-mite ,not in a case but
> with connectors.
> It needs help,and I can't seem to get it to work right. It will
> transmit,very weak receive,and a steady tone on the alternate freq.
>
> Yours for \$18.Reply direct if interested.
>
> Bob

Date: Tue, 8 Oct 2002 14:18:11 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <leon_heller@hotmail.com>
Subject: [137615] RE: Notch Filter chips from National
Message-ID: <GNEOLGDJDOPEALHJMKLCKEPACNAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

So which direction would you turn for a switched capacitor filter chip?
Elecraft used the LTC1059 and a 555 for the clock - anyone built that?

http://www.elecraft.com/TechNotes/notch_filter_wj4p.htm

Tracy N4LGH

It means they are being discontinued, and everyone who wants some should
stock up, as they won't get any more. I wouldn't touch them with a
bargepole. 8-)

Date: Tue, 8 Oct 2002 17:25:37 -0400
From: Rick McKee <kc8aon@juno.com>
To: Steve.Lawrence@itwfeg.com, qrp-l@lehigh.edu
Subject: [137616] Re: End-Fed Tuner for 40 & 15M??
Message-ID: <20021008.175217.12142.1.kc8aon@juno.com>

Steve and gang,

How about a plain ole L match with a switched inductor - 2 positions,
one for 40 meters and one for 15 meters. The swr indicator could be a
simple resistive bridge with an led (light emitting diode) as the
indicator - tune til the led goes out and you're matched, then switch the
bridge back out of the circuit when transmitting. The L match circuit is
in many antenna books, and the inductor could be wound on a toroidal core
to make it small, and a mini toggle switch could select one of the 2
taps. The variable capacitor could be the type used in a small
transistor radio or the compression type, both of which would fit easily
in a small enclosure - (Altoids tin).

Add a bnc connector to connect it to the radio, and binding post for the
antenna wire - you could use a small jack of some sort here like a banana
jack and just plug the wire in. For the ground connection just use a
small nut and bolt through the metal box as a binding post here. The

resistive bridge is shown in several publications also, the one that comes to mind is the "Low Power Scrapbook" published by the Radio Society of Great Britain - if you don't have a copy, get one - you won't be sorry ! Good luck OM.....

PS: I guess the "go look it up" thing is catching on - huh ?

72/73 DE: [K] [C] [8] [A] [0] [N]

Rick McKee

Willow Wood, Ohio

QRP ! Power is for punks !

QRP-L #2112, FPqrp #33, AR QRP #269

On Tue, 8 Oct 2002 15:11:30 -0400 "Steve Lawrence"

<Steve.Lawrence@itwfeg.com> writes:

>I'm looking for a simple tuner circuit to match an end-fed antenna -

>perhaps a W3EDP style - to a radio. Ideal solution would be:

>

> 1.) small & light weight

> 2.) power up to 5 - 10 watts

> 3.) some sort of SWR indicator

>

>Ultimately, I'm trying to set up an ultra-portable wire antenna for 40

>&

>15M. I have a ZM-2, but am looking for something even

>smaller/lighter,

>and don't need the "universal" properties of something like the ZM-2

>or

>BLT.

>

>Suggestions?

>

>73,

>Steve

>aa8af

>

>

>

>

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Date: Tue, 8 Oct 2002 17:52:51 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <richard_johnson@credence.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137617] Re: Solder
Message-ID: <008b01c26f15\$20bdc820\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Hey you wizards of the soldering art.
> What do you us to remove the flux after the soldering is done and the
> board needs a cleaning?

Flux remover.

Seriously, that's what I use. RS used to sell an aerosol in a can that was pretty decent, but I don't like the stuff they have now.

I now use a 'liquid' from Chemtronics and I keep some of it in a "GC" bottle that has a brush on the top. The only bad part is it leaves a 'sticky residue' when it evaporates, so I follow the flux remover with an alcohol brush.

Mike

Date: Tue, 08 Oct 2002 17:18:03 -0500
From: "Don Ginter" <kc2ck@mail.com>
To: qrp-l@lehigh.edu
Subject: [137618] Re: Age/Years a Ham
Message-ID: <20021008221803.5367.qmail@mail.com>
Content-Type: text/plain; charset="iso-8859-15"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

59/39

from the enchanted mountains of Western New York

Comes Kc2cK yep got it backwards again :-)

--

Sign-up for your own FREE Personalized E-mail at Mail.com
<http://www.mail.com/?sr=signup>

"Free price comparison tool gives you the best prices and cash back!"
<http://www.bestbuyfinder.com/download.htm>

Date: Tue, 08 Oct 2002 14:22:23 -0800
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [137619] Re: Sick Rock-Mite
Message-ID: <5.1.1.6.0.20021008141052.00b17e48@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>Bob Welch wrote:
>
> > This could be your lucky day. I have 20mtr rock-mite ,not in a case but
> > with connectors.
> > It needs help,and I can't seem to get it to work right. It will
> > transmit,very weak receive,and a steady tone on the alternate freq.
> >

Bob, et.al.

I got my 20 meter Rock-Mite on Sunday and yesterday got it in a homebrew case and powered it up. Sure enough a continuous tone indicative of feedback.

I haven't spent a lot of time on it yet, but will later tonight. Here is what I've determined so far.

1. If I put the rig on a 50 ohm dummy load the feedback goes away. I get 150mW output into a dummy load as measured by an OHR WM-2.
2. If I remove the dummy load the feedback comes back strong. If I short point A in the output PA filter to ground the feedback disappears.
3. If I switch the Q2 FET on using the button and the microprocessor the continuous tone changes.

4. If I touch input pin 2 of U1 the tone goes away. This with Exacto blade and me holding the A1 holder for the blade.

My guess at this time is a ground loop somewhere/somehow. I have all four mounting holes with A1 standoffs. Crystal cases are grounded. Rig receives on the antenna just fine.

I do want to thank Dave for moving R8 away from the mounting hole in the latest Rev of the board. Now if we could get a mounting hole for the ground side of the RG174 or RG316 that some of us use. I have the BNC connector without a ground lug, so the board side would work better for me.

As soon as I can I'll get on the air. Gotta go clean the windows outside since the weather is nice today. Back later with news at 11.

Purpose of this post is to have others with RM-20 that might be having feedback problems check and see if you get what I get..... #5 needs data input. (Short Circuit -- the movie)

FYI

Chuck Adams, K7QO
<http://www.qsl.net/k7qo> and <http://www.earthlink.net/~k7qo> (work in progress)

Moving to Arizona? ---- Please bring your own water.

Date: Tue, 08 Oct 2002 15:23:09 -0700
From: "Richard Johnson" <richard_johnson@credence.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137620] Solder Flux Removal
Message-ID: <3DA35ACD.701E5BBA@credence.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group:

Thank you fro your response to the question as what to use to remove solder flux residue.

These are among the answers i received.

- 1) No harm, do nothing.
- 2) Get better solder and do a better job so there is no residue.
- 3) Radio Shake flux remover.
- 4) Denatured alcohol.
- 5) 99% pure isopropyl alcohol.
- 6) Acetone.

Well i do know that with very high impedance circuits, like some op-amp inputs and some crystal oscillator circuits the residue flux can cause leakage problems.

But i just like a clean looking board and i do think that attention to details is a sign of craftsmanship.

Since i will continue with the silver, tinned, lead solder i have, and acetone needs alot of ventilation, and i don't know where to get 99% isopropyl and i try not to use RS i will go with denatured alcohol.

Thanks for all of your input.

cheers,
rich

Date: Tue, 8 Oct 2002 15:46:06 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [137621] NorCal VX0 contest at Pacificon--Reminder
Message-ID: <MABBJOEABOILMKCJCLFCKECCDKAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you will not be attending Pacificon, but want your VX0 to be entered in the contest, please get your entry to me by Wednesday, October 16. I will take all those I receive with me when I head for Pacificon myself.

Please include return postage. I'll send your VX0 back in your shipping material.

My address is

Bob Tellefsen, N6WG
6607 Normandy Drive
Newark, CA 94560

End of QRP-L Digest 2703
